CITY OF MELROSE
TOWN OF MELROSE
EXPLORED 1629
CHARLESTOWN 1629
POND FEILDE 1638
MALDEN
NORTH END
1649
INCORPORATED 1850
INCORPORATED 1900

Melrose Public Library
Melrose, Massachusetts

CITY OF MELROSE

MASSACHUSETTS

Annual Reports

1928

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ALBERT M. TIBBETS, MAYOR

Mayor's Address

INTRODUCTION

We have assembled here tonight as duly elected representatives of the citizens and tax-payers of this municipality. Upon us now devolves the responsibility of conducting its business for the next two years, and the duty of providing for the comfort and well-being of our people. To serve our City properly we must understand our duties as its representatives, and the needs and demands of its citizens. These duties are defined by law, and that law is incorporated in the Charter and Ordinances of the City. It therefore devolves upon us to thoroughly familiarize ourselves with the law which must guide and govern our legislative acts. To be truly representative, we as the municipal government, must constantly consult the public will. Public opinion almost invariably voices the demands of the public will. We must be guided by it if we are to enjoy the confidence of the people. A small minority, loudly and blatantly voicing its own selfish sentiments must not, however, be mistaken for the opinion of the majority. True public sentiment is quiet, but insistent, and should be recognized and responded to by those elected to represent its expression.

Governor Allen in his inaugural address last Thursday said "Legislation which cannot muster public support is wasted effort. Real accomplishment is reflected only in such legislation as survives this test and receives the support of a great majority of the people."

The government of our municipality is a serious business. Its problems are many, demanding careful and thoughtful study. Let us face our task with courage and confidence.

FINANCIAL STATEMENT

I present the following statement of the financial condition of the City for your information.

The total debt of the City as of January 1, 1929, including debts of all kinds incurred and outstanding, is $1,227, 000. The excess of the assets of the City over its liabilities is $3,464,476.36. The borrowing capacity of the City inside the debt limit as of Jan. 1, 1929 is $259,963.27. The financial condition of the City is excellent.

BUILDING DEVELOPMENT

Building permits were issued by the Building Inspector in 1928 for 173 one-family houses at an estimated cost of $1,222,200; 23 two family houses at an estimated cost of $179,000 and 3 apartment houses at an

estimated cost of $305,00. There were issued in all a total of 525 permits at an estimated cost of $2,059,489. A comparison of these figures with those of preceding years, shows that there was no appreciable let-up in building development in 1928, and the outlook for 1929 indicates a continuance of extensive building operations. We shall be faced again this year with the problem of providing further extensions and installations of sewer and water construction to make these new building developments possible. However it is a sound business investment for the City, and should be handled as a business proposition.

ACCEPTANCE OF HIGHWAYS

You have inherited from the Board of Aldermen of 1928 a large number of petitions from residents on unaccepted streets praying that these streets be accepted and constructed under the betterment act. I hope that your Honorable Board will act favorably on many of these petitions in the coming two years. The valuation of the real estate on many of these streets is large, and the owners are entitled to a highway in keeping with the fine appearance of their homes. I shall stand ready to approve whatever appropriations may be made by your Honorable Board for this purpose and shall recommend that the amounts necessary for the work be included in the annual budget of the year in which the work is done, that the owners may be saved a considerable amount in their proportion of the cost and that the City may save a substantial sum in interest charges.

LAND IN REAR OF CITY HALL

Legislation should be enacted in the immediate future by your Honorable Board for the taking by right of eminent domain of a part of the land in the rear of the Post Office contiguous to the land in the rear of City Hall. This parcel of land is needed to complete the parking space now being developed in the rear of the group of Municipal Buildings comprising City Hall, the Fire Station, and Memorial Building.

IMPROVEMENTS IN CITY HALL

There are two necessary and important permanent improvements which should be made in the City Hall building this year, which will require special appropriations. One is the installation of public convenience stations for men and women in the space formerly occupied by cell rooms. I recommended four years ago that these be provided, but the Board of Aldermen did not deem it wise to appropriate the money at that time. We are still evading the law, at least in spirit, and are ignoring what is a public necessity and convenience. I shall include in the annual budget a sum sufficient for this purpose and I earnestly urge your Honorable Board to give it favorable consideration.

The other improvement is the re-installation of all the overhead wiring in the basement of the Hall. I consider the present tangle of

wires the most serious fire hazard in the building, and my contention is up-held by experts who have made an inspection of present conditions. I shall include in the annual budget a sum sufficient to do this work.

PARK DEPARTMENT

The development of our Parks and Playgrounds during the past four years has gone steadily forward, under the wise supervision of our present Park Commission, with annual appropriations which have been most conservative, but which have brought untold values to the happiness and enjoyment of our children. Melrose is not rich in Parks, but the lands already laid out as such have added much to the beauty of the City. Ell Pond, with its natural landscape setting and the opportunities it offers for the recreation of our people, is one of the prize assets of the City. Constructive plans are now in the hands of the Park Commission to improve the shore line, and beautify the entire area around it.

Recreation is today one of the vital factors in our busy and congested way of living. Every open space in our City which is adapted to recreational purposes, and is available for purchase by the City, should be given serious consideration as a future playground. Our City is growing by leaps and bounds. Every available open space is being acquired for residential purposes. We must not be so short-sighted as to overlook or neglect opportunities to purchase land at reasonable prices to be set apart for the future welfare and enjoyment of our children.

There is in the hands of the Board of Aldermen at this time a request from the Park Commission to purchase land in the northeast section of the City on northerly side of proposed new Boulevard for the development of a neighborhood Park and Playfield. It is available now at a reasonable price. It may not be a year from now. I trust that this matter will be given serious consideration by your Honorable Board before final action is taken on it.

HEALTH

A general condition of good health prevails throughout the City. Our people have faced no serious epidemic of contagious diseases during the past year. This has been due in no small measure to the constant vigilance of our Board of Health, and particularly to its Chairman, who has long been a student of the problems affecting civic health and sanitation, and has had many years of experience in combating the spread of contagious diseases.

There are many improvements in sanitation yet to be made all of which will make our City more healthful. The program of walling up and covering every brook flowing through the residential sections of the City should be continued until this important work is completed. Our sewer system should be extended to those parts of the City that now depend on cesspools for the disposal of sewage. Cesspools must go. They have no place in a modern city. They are a menace to the health of the community. To mention a specific instance, I would call your

attention to conditions in the southeast section of the City where the residents have long been clamoring for relief from conditions under which they are living. I recommend that your Honorable Board make an immediate study of this problem with a view to passing the legislation necessary for the construction of a system in this part of the City.

POLICE DEPARTMENT

Our Police Department is in excellent condition. With its modern headquarters, its new ambulance and new car for use of the Department recently provided by the retiring Board of Aldermen, the mechanical equipment of the Department is complete. The morale among the patrolmen is good. They are loyal to their superior officers, faithful in the performance of their duties, and courteous in their contact with the public. Any City, large or small, should be proud to have a Police Department that is functioning as efficiently as is ours.

There is need, however, of a substantial increase in the number of regular patrolmen, to give more and better protection to the citizens and their property, to give more and better protection to the children going to and from school, and to more systematically enforce traffic regulations. With the expansion of the residential sections of the City and the growing population, the present force is inadequate to meet all the reasonable demands being made upon it. The residents of the newly developed sections are demanding increased police protection. The patrol beats of our officers are altogether too long to give the frequency of patrolling necessary to insure proper protection. The traffic problem is becoming more perplexing and complicated every year. Contrary to the expectations of authorities on traffic regulations, the installation of traffic signal lights or signs has not solved the problem of traffic control. There is an element in the problem that demands a human agency in handling certain traffic conditions. Our Department now has patrolmen assigned to traffic duty at the school houses three times a day when schools are in session. Regular patrolmen have to be called in from patrol duty to meet this demand. Traffic on our Main Street is a most serious problem. With the present number of regular patrolmen, it is impossible to handle this problem, and during the same hours give regular and adequate police protection throughout the City. Our neighboring cities are facing a like condition, and are meeting it by making a substantial increase in the number of regular patrolmen. Malden is adding 10 men to the regular force; Medford, 8 men to the regular force and 8 reserve officers; Everett, 12 men to the regular force and 16 reserve officers. Quincy has added 26 men to the regular force in the past two years. The Mayor of Newton, in his inaugural, recommended a substantial increase in the regular force. Melrose has added no regular men to the force in the past two years. The officials of our Police Department are now engaged in a study of our problem and will be ready at an early date with recommendations for our consideration.

FIRE DEPARTMENT

The Fire Department, as a whole, is in better condition than it has been in many years. Many of the inharmonious conditions existing in the past are gradually disappearing. The old fire station on Franklin Street will soon be abandoned and that Company will be moved to the new quarters on Tremont Street. The Department is well-equipped with modern fire-fighting apparatus with the exception of the old Knox Combination at Hose 4. This piece of apparatus was purchased in 1913. The company manufacturing it has been out of business for years. It is almost impossible to replace worn-out parts. This piece of apparatus should be replaced with a new modern 750 gallon triple combination pump which will cost approximately $12,000. There should also be a substantial increase in the number of permanent men in the Department. There are times now when all the apparatus is working at a fire that there are not men enough to efficiently handle the apparatus in use. Four permanent men should be added to the Department this year, and four men in 1930.

PUBLIC WORKS DEPARTMENT

The Public Works Department, under the able management of Frank Emerson, the City Engineer, is efficiently organized and is doing splendid work in every division. Mr. Emerson has brought to the Department many new ideas in methods of construction that has meant the saving of thousands of dollars to the City. He is responsible for the present excellent condition of our highways, by the process of re-surfacing which he has consistently applied to the streets in every section of the City. He has recommended the purchase of labor-saving apparatus and equipment that has made a material saving in the cost of many of the major operations of the Department. He is running the Department on a business basis. He buys material and supplies at the lowest figure possible consistent with quality. He has work done on the same basis. His policy in this respect has always had my approval and support. He expects every employee to give a fair return in labor for the wages he receives. He has the respect and confidence of the men, and I am confident that they are content and happy under the working conditions he has established. The employees of the Public Works Department from the Assistant Superintendents down to the unskilled laborers are with few exceptions as loyal and as faithful a group of workers as will be found in any city in the Commonwealth.

WYOMING CEMETERY

Wyoming Cemetery is one of the most beautiful burial grounds in Greater Boston. The present Cemetery Committee has served continuously for the past four years. Each member has given unreservedly of his time and efforts in planning a progressive development of the Cemetery. Each year the Committee has asked for a special appropriation to continue the work of expansion and prepare new areas for burial lots. The

appropriation has been wisely expended. They will ask again this year for a similar appropriation to carry on the work of expansion and development, and I hope that their request will receive favorable consideration by your Honorable Board.

BUILDING PROGRAM

During the past four years we have been carrying out a progressive program of permanent building construction. This has included the addition to City Hall; the addition to Memorial Building; the erection of the new City Stables; the Winthrop School, and the new Fire Station. There still remain three building projects to be undertaken and completed before our building program is brought to a conclusion.

The most important of the three is the construction of new school buildings or of additions to existing structures, to provide better school accommodations for our children. Whatever program is finally recommended by the School Committee we may anticipate that it will call for a large expenditure of money. I believe however, that the public is aroused to the seriousness of the situation, and is prepared to have the Board of Aldermen make appropriations sufficient to carry out whatever plans are finally agreed upon.

We should build the third unit at the City Yards which was a part of the original plans for the City Stables. For the information of the new members of the Board I will state that this unit was to provide accommodations for the Sewer and Water Divisions, a Blacksmith Shop, a Repair Shop for the automotive equipment, and storage rooms. Both the Sewer and Water Divisions are still working under the same unfavorable conditions as they were when plans were made for this building. We have had to abandon the old blacksmith shop, and have had to take over two car stalls in the garage to provide for a temporary auto repair shop. Every division that would be accommodated in this new unit has been working under most unfavorable conditions for the past two years. This unit can be built for $20,000, and when erected would make the housing conditions for the Public Works Department complete. There is no valid reason for further delaying the construction of this unit.

The third building project which we must consider in the near future is the construction of an addition to the Public Library. The present building was first occupied in 1904 when the population of the City was about 14,000 and the library owned about 15,000 books with an annual circulation of about 50,000 books. The building was commodious with relation to the demands then made upon it, but it was not built with reference to the greatly increased requirements of the present day. Our population has increased over 7,000 since 1904, the library now owns about 40,000 books with an annual circulation six times larger than it was when the building was first opened. The original building has served its purpose without any additions for nearly a quarter of a century until now there is a real need for more room and more spacious accommodations if the library is to keep pace with the increased demands being made upon it.

I will not dwell further on this matter at this time. The Trustees will later on submit for our consideration a statement explaining in detail the particular needs of the Library which, in thier opinion, call for the construction of this addition.

CONCLUSION

I have presented here some of the more important problems which will come before you for your consideration in the next two years. Having served many years as a member of the legislative branch of the city government, I appreciate the importance of co-operation between the Chief Executive and the Board of Aldermen. I trust that we may solve our problems together in a spirit of co-operative effort and common respect. Let us take up the duties of our office with no selfish ambition for personal celebrity or gain. Let us fulfill the obligations of the trust imposed upon us with courage and honesty. Our reward will be the gratitude and respect of our fellow-citizens.

GOVERNMENT

OF THE

City of Melrose, 1928

Mayor

ALBERT M. TIBBETTS

President of the Board of Aldermen

ALFRED C. MALM

Clerk Board of Aldermen

VICTOR C. KIRMES

Aldermen-at-Large

	Ward
Eben M. Taylor, 51 Bellevue Avenue	4
Alfred C. Malm, 89 Malvern Street	7
Charles B. Camerlin, 88 Florence Street	5
Harry E. Cryan, 156 First Street	6

Ward Aldermen

Sumner Hyland, 256 Melrose Street	1
Russell B. Hall, 133 Rowe Street	2
John F. Rufle, 8 So. Cedar Park	3
(Mrs.) Mary L. Barrows, 20 W. Emerson Street	4
Walter W. Bruce, 260 W. Wyoming Avenue	5
Raymond H. Greenlaw, 38 Laurel Street	6
Joseph A. Milano, 115 Grove Street	7

COMMITTEES OF THE BOARD

Appropriations

John F. Rufle, Chairman; Milano, Greenlaw, Cryan, Taylor, Hall, Hyland, Bruce, Camerlin and Barrows

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Education, Health and Public Welfare

Mary L. N. Barrows, Chairman; Rufle, Milano, Cryan and Hyland

---

Finance

Sumner F. Hyland, Chairman; Taylor, Milano, Bruce and Greenlaw

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Highways

Joseph A. Milano, Chairman; Camerlin, Greenlaw, Hall, Barrows, Hyland and Rufle

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Legal and Legislative

Harry E. Cryan, Chairman; Taylor and Bruce

Protection and License

Walter W. Bruce, Chairman; Hall, Rufle, Cryan and Camerlin

Public Service

Raymond H. Greenlaw, Chairman; Hall, Camerlin, Barrows and Taylor

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President, ex-officio a member of all standing committees

Clerk of Committees

George W. Rogers

City Offcers

City Clerk
VICTOR C. KIRMES

Assistant City Clerk
(To July 1, 1928)
George W. Rogers
(From July 1, 1928)
E. Maude Brown

City Treasurer
S. Homer Buttrick

City Collector
William A. Carrie

City Auditor
William T. Wolley

Engineer and Superintendent of Public Works
Frank Emerson

City Solicitor
Oscar Storer

Mayor's Secretary
Blanche E. Nickerson

FIRE DEPARTMENT
Chief of Fire Department
Frank C. Newman

POLICE DEPARTMENT

Captain of Police
Louis B. Heaton

———

Inspector of Buildings
Angus MacDonald

———

Inspector of Plumbing
Fred A. Young

———

Inspector of Food Products
Kenneth B. Hadley

———

Inspector of Animals and Slaughtering
Palmer Corbett

———

Inspector of Milk and Vinegar
H. E. Berger, Jr.

———

Collector of Milk Samples
Thomas F. Harris

———

Sealer of Weights and Measures
Wesley H. Murray

———

Supt. Brown Tail and Gypsy Moths
Frank Emerson

———

Burial Agent
Mary A. Keneh

Agent State Military Aid and Soldiers' Relief
Mary A. Kenah

Assessors
John C. Crolly
Frederick W. Patten
Joshua T. Nowell

Assistant Assessors
Mary Anderton
Isabelle W. Darling
Frank H. Goodwin

Inspector of Wires
Fred A. Edwards

Board of Health
Clarence P. Holden, M. D., Chairman
Melvin S. McLeod, M. D.
Melvin A. Walter

City Physician
Clarence P. Holden, M. D.

School Physicians
Dr. Clarence P. Holden, Supervising School Physician
Kenneth L. Maclachlan
Edward L. Marr
Walter H. Flanders

School Nurses
Myrtle S. Meriam
Elsie M. Abrams

Public Health Nurse

Myrtle S. Meriam

Board of Public Welfare

Adaline G. Reed, Chairman

Gertrude Provandie — Thomas F. Troy

Park Commission

Richard J. Lord, Chairman ..... Term expires 1930
Neil S. Casey ..... " " 1932
George E. Manser ..... " " 1933
Joseph R. Hebblethwaite ..... " " 1929
Roy L. Bosworth ..... " " 1931
George W. Rogers, Superintendent

Superintendent of Schools

Herman H. Stuart

School Committee

Elmer O. Goodridge, Chairman ..... Term expires 1930
Henry N. Andrews to March 19, 1928 .....
Frank J. Sherman ..... " " 1930
Maude M. Johnson ..... " " 1930
Ralph C. Heath to March 19, 1928 .....
Josiah D. Bullens ..... " " 1928
Helen S. Campbell ..... " " 1928
Henry T. Claus ..... " " 1928
Chester B. Allen in place of Henry M. Andrews
George H. Varney in place of Ralph C. Heath

Sinking Fund Commissioners

Edward J. Kitching, Chairman ..... Term expires 1928
Maurice C. Cochrane (Deceased, June 17, 1928) ..... " " 1927
Franklin P. Shumway ..... " " 1929

Trustees Public Library

Rev. Paul Sterling, Chairman	Term expires		1930
Ralph G. Harmon	"	"	1930
Neil A. Divver	"	"	1931
Mary D. Dike	"	"	1931
Mary C. Barton	"	"	1929
Frank W. Campbell	"	"	1929

———

Cemetery Committee

Harold W. Anderson Albert G. Armington Carl F. Shaw

Roscoe A. Leavitt, Supt., Wyoming Cemetery
Roscoe Wallace, Inspector of Graves, Soldiers and Sailors

———

Registrars of Voters

Edwin L. Cragin, Chairman	Term expires		1931
Charles E. Holt	"	"	1930
John J. Keating	"	"	1929

Victor C. Kirmes, City Clerk.

———

Dog Officer

M. James Hanley

———

Keeper of the Lock-up

Louis B. Heaton

———

Fence Viewers

Daniel J. Lucey, Chairman
Lewis C. Hoyt
Willis A. Smith

Planning Board

Eva G. Osgood, Chairman	Term expires		1930
Caroline H. Blake	"	"	1930
Paul C. Dow	"	"	1930
Albe S. Noyes	"	"	1931
Charles H. Gilmore	"	"	1931
Albert A. Hersey	"	"	1931
Ethel G. Collins	"	"	1929
Edward E. Prior	"	"	1929
George C. Glover	"	"	1929

Board of Survey

William E. Waterhouse, Chairman	Term expires		1930
William J. L. Roop	"	"	1931
Bertram E. Lovejoy	"	"	1929

Trustees Memorial Building

Fred E. Ellis, Chairman	Term expires		1931
Alfred H. Colby	"	"	1929
Louis K. McNally	"	"	1931
Leon H. Palmer	"	"	1930
Leslie B. Ellis	"	"	1930

Board of Appeal

Thomas McKie, Chairman	Term expires		1932
Victor H. Mutty	"	"	1931
H. Ray Wilson	"	"	1929
Royal B. Wills	"	"	1932
William B. Wadland	"	"	1931

George W. Rogers, Clerk

List of Ex-Mayors

	Terms of Office
*Levi S. Gould	1900
*John Larrabee	1901–1902
*Sidney H. Buttrick	1903–1904–1905
*Charles J. Barton	1906
*Eugene H. Moore	1907–8–9–10–11

*Deceased

List of Ex-Mayors—*Continued*

	Terms of Office
*Charles E. French	1912
*Oliver B. Munroe	1913–1914
Charles H. Adams	1915–16–17–18–19–20
Angier L. Goodwin	1921–1922
Paul H. Provandie	1923–1924

List of Ex-Presidents Board of Aldermen

	Terms of Office
George R. Jones	1900
*John G. Robinson	1901–1902
*Aaron Hill, Jr.	1903–4–5–6
Charles C. Swett	1907–8–9
*Charles E. French	1910–11
*J. Sydney Hitchins	1912–13
Frederick T. Peabody	1914–15
Edward F. Cassell	1916–17
William A. Carrie	1918
Albert M. Tibbetts	1919
Angier L. Goodwin	1920
*Leslie F. Keene	1921
H. Ray Wilson	1922-23
Walter A. T. Norris	1924
George H. Jackman	1925
John Dike	1926
Joseph A. Milano	1927
Alfred C. Malm	1928

*Deceased

Report of Board of Appeal

Hon. Albert M. Tibbetts, Mayor
and the Honorable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:—

In accordance with the provisions of Chapter XXIX of the Revised Ordinances of the City of Melrose, I have the honor of submitting herewith the fifth annual report of the Board of Appeal of the City of Melrose, the same covering the year 1928.

On January 14th, 1928 the Board of Appeal organized for the year by the election of Mr. Thomas McKie as the Chairman for the ensuing year, and Mr. George W. Rogers as Clerk.

On August 7th, 1928, the Board of Appeal received the resignation of Mr. Rogers as Clerk, which was laid on the table.

The Board during the year 1928 held twenty-four meetings of which number twenty were hearings. There were before the Board during 1928, twenty-two cases of appeals from the decision of the Inspector of Buildings, which were disposed of as follows:

Decision of Inspector of Buildings Reversed	17
Decision of Inspector of Buildings Affirmed	5
Total number of cases in 1928	22

Respectfully submitted,

THOMAS McKIE, *Chairman*

Report of Board of Assessors

To His Honor the Mayor and Board of Aldermen:

Gentlemen:

The Board of Assessors respectfully submits the following report of the Assessing Department for the year ending December 31, 1928.

TAXABLE VALUATION OF THE CITY

Real Estate	$31,054,750.00
Personal Estate	3,526,450.00
	$34,581,200.00

BUDGET

City Budget	$1,043,604.08	
State Tax	37,315.00	
Metropolitan Sewer Tax	27,025.33	
Metropolitan Park Tax	17,152.10	
Charles River Basin Tax	2,961.86	
State Highway Tax	634.97	
Fire Prevention Tax	273.27	
Southern Route Tax	2,051.95	
Brookline Street Tax	786.90	
Cambridge Traffic Artery	1,435.56	
Metropolitan Planning Tax	253.16	
Abatement Smoke Nuisance	121.29	
Saugus River	2.00	
County Tax	39,291.06	
County Tuberculosis	3,010.85	
Overlay	14,719.84	
	$1,190,639.22	
Less Income Tax	84,691.30	$1,105,947.92

Rate of Taxation $31.60 per $1000.00.

Amount raised on Real Estate	$981,330.10
Amount raised on Personal Estate	111,435.82
Amount raised on 6591 Polls at $2.00 each	13,182.00
	$1,105,947.92

Number of residents assessed	7519
Number of non-residents assessed	552
Number of persons assessed a Poll Tax only	2250
Number of horses assessed	52
Number of cows assessed	183
Number of dwellings assessed	4708

VALUATION OF EXEMPTED PROPERTY

Houses of Religious Worship	$774,500.00
Literary Institutions	132,400.00
Benevolent Institutions	266,500.00
Charitable Institutions	43,800.00
Cemeteries	17,000.00
	$1,234,200.00

Respectfully Submitted,

JOSHUA T. NOWELL
FREDERICK W. PATTEN
JOHN C. CROLLY
Melrose Board of Assessors

Report of Board of Health

To the Honorable Mayor and Board of Aldermen, City of Melrose

Gentlemen —

The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1928.

ORGANIZATION OF BOARD

Clarence P. Holden, M. D., Chairman, Melvin S. McLeod, M.D.,
Melvin A. Walter Lillian H. Willey, Clerk

GENERAL HEALTH.—Records in this department show the general health of the community to have been very good. There were 262 deaths reported.

SCARLET FEVER.—This disease was prevalent during the first half of the year and the situation was complicated in a considerable number of cases in which there was a diagnosis of septic sore throat. There were 112 cases recorded, and though most cases were mild, there were 2 deaths. Several cases were discovered in the different schools owing to the vigilance of school physicians and nurses.

TYPHOID FEVER.—There were 5 cases and 1 death. So far as known every case in Melrose had a source of origin outside the city.

TUBERCULOSIS OF THE RESPIRATORY SYSTEM.—A total of 20 cases, 9 deaths.

TUBERCULOSIS, ALL FORMS.—A total of 30 cases, 11 deaths.

DIPHTHERIA.—There was a slight increase in the number of cases of diphtheria over the two previous years, there being 13 cases and 1 death. Experience confirms the value of the Schick treatment in the prevention of diphtheria although 1 case of diphtheria occurred in a child which had had the treatment. It is the opinion of those whose opinion is worth most that the full benefit of the Schick treatment will not be manifest until the practice of giving it to all children over 6 months of age is adopted by the family physician. Heretofore practise has been confined to giving it to the children in the schools.

A recent report of the State Department of Public Health is as follows, viz:—" . . . with the advent of toxin-antitoxin, diphtheria is no longer a necessary evil. Every case might almost be considered evidence of inefficiency on the part of the local health authorities, or a reflection upon the individual or collective intelligence of the community. We cannot very well help any possible lack of intelligence, but we can seek to acquaint every parent in the community with the value of toxin-antitoxin, and make this treatment readily available for all children. When physicians, as a whole, practise adequate preventive medicine

and the people are taught to seek such service from the doctor, then this service may be turned over wholly to the private practitioner, but until that time arrives the responsibility is definitely up to the local health authorities, and if diphtheria cases and deaths are to be prevented, the local health authorities have got to try to prevent them, for the time being at any rate."

The State Tuberculosis Clinic was held in the Livermore School, October 30th, 1928; the report was as follows, viz:

Number of children recommended for re-examination 23
Number of children re-examined 12
Number of children who refused re-examination 8
Number of children absent, moved away, left school 3

Improved Group

Number of children found to be improved in 1927 8
Number of children remaining improved 2
Number of children found to be unimproved 4
Number of children not re-examined 2
Recommendations for 1928:
Number of children recommended for summer camp 1

Unimproved Group

Number of children found to be unimproved in 1927 9
Number of children remaining unimproved 3
Number of children found to be improved 3
Number of children not re-examined 3
Number of children having sanatorium treatment 1
Number of children who went to summer camp in 1928 1
Recommendations for 1928:
Number of children recommended for sanatorium treatment 1
Number of children recommended for summer camp in 1929 2

INFANT MORTALITY.—There was a slight increase in the rate of infant mortality, viz —35.58 as against 34.48 for 1927.

DAIRY INSPECTION.—The report on the inspection of dairies was as follows: 11 good, 3 fair, 0 unclean. Two dealers in Melrose have licenses for pasteurization plants. There were 127 licenses issued to sell milk and oleo; 10 licenses to sell commercial alcohol; 6 licenses to undertakers, 4 licenses to collect grease and bones, 1 license to practise massaging.

BAKERIES.—Inspection of bakeries was made as required by law and a total of 15 registered.

NUISANCES.—Number of complaints investigated 30; number found with no cause for complaint 4 abated 26.

UNDERTAKERS.—The following named undertakers were licensed: Henry W. Clark, Fred T. Churchill, Harry F. Ferguson, John W. Gately, Albert J. Walton and Frank S. Whitney.

BOARDING HOUSES FOR INFANTS.—The Board approved the applications of the following named persons to maintain boarding houses for infants: Mrs. Mary Burns, Mrs. Mildred Cannon, Mrs. Lena W d'Entremont, Mrs. Jane Dieter, Mrs. Mary Donovan, Mrs. Nellie F. Gillespie, Mrs. Olive L. Jones, Mrs. Isabelle A. Latham, Mrs. Ruby MacLeod, Mrs. Clara J. Manley, Mrs. Annie Mullay, Mrs. Mary T. Norton, Mrs. Henrietta Pearce, Mrs. Emma B. Skillings, Mrs. Rita Spencer, Mrs. Mary Walden.

Respectfully submitted,

CLARENCE P. HOLDEN, M.D.
M. S. McLEOD, M.D.
MELVIN A. WALTER
Board of Health

Table I
FINANCIAL STATEMENT

	1927	Totals 1927	1928	Totals 1928
Total Appropriation		$10,200.00		$13,740.00
EXPENDITURES				
General Administration		$2,975.83		$3,036.42
Salary of Board	1,350.00		1,300.00	
Salary of Clerk	1,407.83		1,500.00	
Telephone	88.20		91.21	
Stationery and Postage	33.80		35.50	
Transportation and Use of Car	90.00		90.00	
Sundries	6.00		19.71	
Other Expenses		2,000.00		1,999.41
Plumbing Inspection	1,350.00		1,450.00	
Burial Dead Animals	102.00		105.00	
Dumps and Dump Signs	10.50		29.46	
Medicine	5.71		1.72	
Office Supplies	211.84		120.03	
Transportation and Use of Cars	180.00		140.80	
Ads and Reports	30.85		33.36	
Insurance of Car			19.48	
Sundries	109.10		67.56	
Quarantine and Contagious Dis. Hosp.		2,577.24		3,028.77
Maintenance Patients in Hospitals	2,304.92		2,730.00	
Transportation and Use of Car	90.00		94.00	
Antirabic and Immunizing Treatments	116.17		86.87	
Medical Supplies			44.10	
Sundries	66.15		73.80	
Inspection		2,155.00		4,733.33
Med. Inspection Sch. Children	555.00		720.00	
Inspection of Milk	100.00		66.67	
Inspection Animals and Slaughtering	200.00		200.00	
Inspection of Food Products	200.00		200.00	
Public Health Nurse	700.00		700.00	
Milk Analyses	400.00		266.66	
School Nurses			2,580.00	
Tuberculosis		756.40		901.00
Outside Aid	300.00		312.00	
*Board and Supplies in Hospitals	453.40		488.00	
Transportation and Use of Car	3.00		95.00	
Medicine and Sputum Cups			6.00	
Total Expenditures		$10,464.47		$13,698.93
Revenues of Board of Health		$1,154.43		$537.43
Licenses	132.00		98.50	
Reimbursements	1,022.43		438.93	

*Paid by Board of Assessors by County Warrant for tuberculosis cases at Rutland State Sanatorium $4,306.77 $3,010.85

Table II

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH, BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying in hospitals out of town.

Months	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis						Totals for Months	
																	Pulmonary and Miliary		Meningeal		Other Forms			
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	..	..	8	..	..	..	27	..	4	..	..	..	..	..	1	..	..	..	..	..	..	..	40	..
February	..	..	25	..	..	..	39	..	2	..	..	..	..	..	1	1	1	..	..	..	..	..	68	1
March	..	..	25	..	..	..	66	..	4	..	..	..	..	..	..	..	3	..	..	..	1	..	99	..
April	5	..	21	1	1	..	159	1	6	..	..	..	..	..	..	..	[illegible]	2	..	..	[illegible]	..	196	4
May	3	1	6	..	1	1	84	..	[illegible]	..	..	..	..	..	..	..	5	..	..	..	3	..	103	2
June	3	..	12	..	..	..	12	..	1	..	..	..	..	..	..	..	2	1	1	..	[illegible]	..	33	1
July	..	..	5	[illegible]	1	..	2	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	8	3
August	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	1	2
September	1	..	3	..	2	..	1	..	2	..	..	..	..	..	..	..	3	..	..	..	..	..	12	2
October	..	..	2	..	..	..	3	..	3	..	..	..	..	..	..	..	1	1	..	..	..	..	12	1
November	1	..	3	..	..	..	1	..	4	..	..	..	..	..	..	..	[illegible]	..	..	..	..	..	10	..
December	..	..	2	..	..	..	..	..	2	..	..	..	..	..	..	..	2	..	1	1	..	..	7	1
Totals	13	1	112	2	5	1	394	1	38	..	..	..	..	..	2	1	20	9	2	2	8	..	594	17

Table III

CASES AND DEATHS OF CERTAIN DISEASES EACH YEAR, FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the city; also all deaths of Melrose cases dying out of town.

Years	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Poliomyelitis		Tuberculosis					
																	Pulmonary and Miliary		Meningeal		Other Forms	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
1919	13	3	48	3	3	..	11	..	65	..	..	..	16	..	1	..	13	9	..	1	..	..
1920	32	2	42	..	4	..	367	1	34	1	..	..	1	..	4	..	12	9	..	2	4	..
1921	69	3	43	..	6	1	29	..	1	..	..	..	4	..	3	..	19	13	..	..	3	..
1922	17	1	81	..	5	1	167	..	18	..	..	..	..	..	1	..	19	8	3	3	6	..
1923	14	2	90	1	3	..	156	..	67	2	..	..	..	..	..	..	24	6	..	..	3	..
1924	27	2	150	2	2	..	18	..	7	..	..	..	1	..	..	..	13	3	1	2	5	..
1925	25	3	57	2	5	..	375	..	49	2	..	..	..	..	2	..	23	12	1	1	5	..
1926	6	2	50	2	6	1	118	1	63	1	..	..	1	..	5	3	12	6	..	2	4	..
1927	5	..	77	1	10	1	162	1	24	..	..	..	2	..	4	..	19	1	3	3	14	..
1928	13	1	112	2	5	1	394	1	38	..	..	..	..	..	2	1	20	9	2	2	8	..

TABLE IV

INFANT MORTALITY

(Not including stillbirths)

YEAR 1928	Total under 1 yr.	AGES											
		Under 1 day	1–2 days	2–3 days	3 days to 1 week	1–2 weeks	2–3 weeks	3 weeks to 1 mo.	1–2 mos.	2–3 mos.	3–6 mos.	6–9 mos.	9–12 mos.
January	1											1	
February	3	1	2										
March	1												1
April	2		1					1					
May	1	1											
June	..												
July	..												
August	4	1			1						1		1
September	1				1								
October	2				1	1							
November	..												
December	5	2		1			1						1
Male	14	3	1	1	3	2		1					3
Female	6	2	2								1	1	
White	20	5	3	1	3	2		1			1	1	3
Colored													

TABLE

INFANT MORTALITY

YEAR 1927 Class No.	Cause of Death		AGES												
			Total under 1 yr.	Under 1 day	1 to 2 days	2 to 3 days	3 days to 1 week	1 to 2 weeks	2 to 3 weeks	3 weeks to 1 month	1 to 2 months	2 to 3 months	3 to 6 months	6 to 9 months	9 to 12 months
32	Tuberculosis of the Meninges and Central Nervous System	M	1	....	....	....	....	....	....	....	....	....	....	....	1
		F	....	....	....	....	....	....	....	....	....	....	....	....	....
69	Other General Diseases	M	3	1	....	1	....	1	....	....	....	....	....	....	....
		F	1	....	1	....	....	....	....	....	....	....	....	....	....
90	Other Diseases of the Heart	M	....	....	....	....	....	....	....	....	....	....	....	....	....
		F	1	....	....	....	....	....	....	....	....	....	....	1	....
100	Bronchopneumonia	M	1	....	....	....	....	....	1	....	....	....	....	....	....
		F	....	....	....	....	....	....	....	....	....	....	....	....	....
101	Pneumonia	M	1	....	....	....	....	....	....	....	....	....	....	....	1
		F	....	....	....	....	....	....	....	....	....	....	....	....	....
117	Appendicitis and Typhlitis	M	1	....	....	....	....	....	....	....	....	....	....	....	1
		F	....	....	....	....	....	....	....	....	....	....	....	....	....
160	Congenital Debility, Icterus and Sclerema	M	1	....	....	....	1	....	....	....	....	....	....	....	....
		F	....	....	....	....	....	....	....	....	....	....	....	....	....
161	Premature Birth; Injury at Birth	M	6	2	2	....	2	....	....	....	....	....	....	....	....
		F	2	2	....	....	....	....	....	....	....	....	....	....	....
162	Other Diseases Peculiar to Early Infancy	M	1	....	....	....	....	1	....	....	....	....	....	....	....
		F	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE VI
CONTAGIOUS DISEASES

DISEASES		Under 5 yrs.	5–9	10–14	15–19	20–24	25–34	35–44	45–54	55–64	65–74	75 and over	Totals
Anterior Poliomyelitis	M	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
	F	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	3
Chicken Pox	M	5	14	1	.....	.....	.....	.....	.....	.....	.....	.....	20
	F	2	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
Diphtheria	M	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	5
	F	.....	4	3	.....	.....	.....	.....	.....	.....	.....	.....	8
*Dog-Bite	M	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2
Encephalitis Lethargica	M	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Epidemic Cerebro Spinal Meningitis	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
Influenza	M	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	2
	F	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	3
German Measles	M	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	2
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Measles	M	50	128	11	.....	.....	1	1	.....	1	.....	.....	191
	F	55	130	10	3	4	.....	.....	.....	.....	.....	.....	203
Mumps	M	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	4
	F	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2
Pneumonia, Lobar	M	2	3	2	1	1	2	1	.....	.....	2	.....	16
	F	4	1	.....	1	1	2	.....	2	2	.....	1	14
Scarlet Fever	M	13	15	15	9	1	5	1	.....	.....	.....	.....	59
	F	13	23	6	7	1	1	1	1	.....	.....	.....	53
Suppurative Conjunctivitis	M	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
	F	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
Tuberculosis (Pul.)	M	.....	1	1	.....	1	2	.....	.....	.....	.....	.....	16
	F	.....	.....	.....	1	.....	8	1	1	2	.....	.....	5
Tuberculosis (Other Forms)	M	2	1	.....	.....	.....	2	.....	.....	.....	.....	.....	5
	F	.....	.....	1	.....	.....	2	.....	2	.....	.....	.....	6
Typhoid Fever	M	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	4
	F	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Whooping-cough	M	6	12	1	.....	.....	1	.....	.....	.....	.....	.....	20
	F	10	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	18

*Reportable since Oct. 1, 1928

Table VII

INFANT MORTALITY

Year	Births	Deaths of Children under one year	Rate of Mortality of children under one year per 1,000 of children born
1922	364	16	43.96
1923	516	25	48.64
1924	411	19	46.22
1925	487	24	49.28
1926	471	19	40.34
1927	522	18	34.48
1928	562	20	35.58

There were 20 stillbirths during the year 1928.

Deaths in Melrose, 1928	Males	118
	Females	144
	Total	262
Of these deaths, children under one year	20	
" " " persons over sixty years	160	

Classified as to Cause:		Males	Females
I	General Diseases	7	7
II	General Diseases not included in Class I	22	32
III	Diseases of the Nervous System and of the Organs of Special Sense	16	17
IV	Diseases of the Circulatory System	35	51
V	Diseases of the Respiratory System	8	13
VI	Diseases of the Digestive System	3	10
VII	Nonvenereal Diseases of the Genitourinary System and Annexa	9	8
XII	Early Infancy	8	2
XIII	Old Age	1	1
XIV	External Causes	9	2
XV	Ill Defined Diseases	0	1

Table VIII

ESTIMATED POPULATION APRIL 1, 1928, 23,000

	1923	1924	1925	1926	1927	1928
Apparent death rate per 1,000 population	12.13	11.50	13.54	11.07	11.36	11.39
*Corrected death rate per 1,000 population	11.72	10.90	13.34	11.07	10.50	11.43

*Eliminate deaths of nonresidents and add deaths of Melrose residents dying elsewhere.

Report of Inspector of Plumbing

Permits granted for plumbing in new buildings	238
Permits granted for plumbing in old buildings	163
Total	401
Total number of permits, work approved	390
Number of water tests	318
Total number of visits of inspection	1025
Sinks installed	367
Wash trays installed	320
Water closets installed	473
Bath tubs installed	374
Wash bowls installed	439
Pressure boilers installed	239
Urinals installed	9
Shower baths installed	42
Floor drains and traps installed	15
New buildings connected to sewer	144
New buildings connected to cesspools	65
Old buildings connected to sewer	18
Old buildings connected to new cesspools	4

Respectfully submitted,

FRED A. YOUNG
Inspector of Plumbing

Report of the Inspector of Animals

January 1, 1929

To the Board of Health,
City Hall, Melrose, Mass.

Gentlemen:—

I wish at this time to submit my report as Inspector of Animals for the year 1928.

Early in the year word was received to make a tour of inspection of all cattle, sheep and swine kept within the town limits, and also of the premises where the same were kept. Two hundred and seventy-four head of cattle were examined; all seemed to be in excellent condition and the premises well kept.

Rabies made its appearance on several occasions, eight rabid dogs being killed and forty-five kept under observation, quarantined and released.

Respectfully,

PALMER CORBETT, V. S.
Inspector of Animals

Report of the Milk Inspector

The office of Milk Inspector became vacant in August by the resignation of Henry E. Berger, and the Board was unable to fill the vacancy until the beginning of 1929. The following data of inspection of milk have been compiled by the Board from the monthly reports of the Milk Inspector.

PERCENTAGE OF SAMPLES COMING WITHIN CERTAIN LIMITS

DEALER	Excellent under 10,000	Very Good 10,000 to 20,000	Good 20,000 to 50,000	Fair 50,000 to 100,000
Antunes, G. E	.....	75.0	25.0	.....
Bloss, W. C.	.....	50.0	50.0	.....
Boyd, Frank				
Family	.....	62.5	25.0	12.5
Grade A	.....	75.0	25.0	.....
Bucci, A.	.....	50.0	50.0	.....
Cummings, F. H..				
Family	.....	62.5	37.5	.....
Grade A	25.0	75.0	.....	.....
Forbes, M. A.				
Family	.....	62.5	37.5	.....
Grade A	25.0	75.0	.....	.....
Fyfe, W. J.	.....	25.0	75.0	.....
Hood, H. P. & Sons				
Family	.....	62.5	37.5	.....
Grade A	50.0	50.0	.....	.....
Howard Farm	62.5	37.5	.....	.....
Kiley, R. J.	25.0	50.0	25.0	.....
Lord, C. G.				
Family	.....	75.0	25.0	.....
Grade A	14.3	85.7	.....	.....
Lucey, D. P. & J. A.	37.5	25.0	25.0	12.5
Manning, J. S.	37.5	62.5	.....	.....
Munn, T. J.	.....	12.5	87.5	.....
1st Nat. Stores:				
Connor	.....	57.2	42.8	.....
Ginter	.....	57.2	42.8	.....
Noble:				
Family	.....	37.5	62.5	.....
Grade A	25.0	75.0	.....	.....
Penney, H. J.	.....	.....	87.5	12.5
Quinn, H. J.	.....	25.0	75.0	.....
Spear, C. W.:				
Family	37.5	62.5	.....	.....
Grade A	42.8	57.2	.....	.....
Taylor, R. C.:				
Family	50.0	37.5	12.5	.....
Grade A	25.0	50.0	25.0	.....
Turner Centre System	.....	75.0	25.0	.....
Walker, J. V.	.....	50.0	33.3	16.7
Whiting Milk Co.				
Family	.....	33.3	66.7	.....
Grade A	16.7	83.3	.....	.....

*MEDIAN COUNT AND AVERAGE CHEMICAL ANALYSES.

DEALER	Median Count	Av. *X* Fats	Av. *X* Solids
Antunes, G. E.	16,000	3.99	12.69
Bloss, W. C.	20,000	3.72	12.7
Boyd, Frank:			
Family	18,500	3.77	12.67
Grade A	11,500	4.37	13.39
Bucci, A.	19,500	3.60	12.51
Cummings, F. H.:			
Family	18,500	3.77	12.55
Grade A	12,000	4.08	13.13
Forbes, M. A.:			
Family	17,500	3.80	12.90
Grade A	10,500	4.37	13.56
Fyfe, W. J.	27,500	5.27	14.4
Hood, H. P. & Sons:			
Family	18,500	3.8	12.75
Grade A	8,500	4.27	13.22
Howard Farm	9,000	4.06	13.02
Kiley, R. J.	17,500	3.62	12.49
Lord, C. G.:			
Family	17,000	3.78	12.71
Grade A	12,000	4.5	14.96
Lucey, D. P. & J. A.	15,000	3.75	12.61
Manning, J. S.	12,500	4.26	13.24
Munn, T. J.	23,000	3.57	12.48
1st Nat. Stores:			
Connor	19,000	4.10	13.24
Ginter	17,000	4.12	13.28
Noble:			
Family	22,000	3.88	12.91
Grade A	13,000	4.3	13.59
Penney, H. J.	31,000	3.52	12.45
Quinn, M. J.	25,500	3.77	12.73
Spear, C. W.:			
Family	13,000	3.70	12.69
Grade A	12,500	4.15	12.92
Taylor, R. C.:			
Family	11,000	3.67	12.66
Grade A	11,500	4.7	13.97
Turner Centre System	18,500	3.81	12.65
Walker, J. V.	20,500	3.75	12.64
Whiting Milk Co.:			
Family	22,000	3.75	12.62
Grade A	12,500	4.13	13.28
State Law Requires		3.35	12.00

*Median count is the middle figure taken after the total counts have been arranged in the order of their magnitude.

Report of Public Health Nursing Service

SUMMER HEALTH AND PLAY SCHOOL

This health activity which has become an institution in Melrose, was maintained again for the usual period of six weeks under the supervision of the Public Health Nurse. Satisfactory improvement was noted in the majority of the children and none concluded the term without some gain in weight. There was a total enrollment of fifty with an average daily attendance of forty-six.

Respectfully submitted,

MYRTLE S. MERIAM, R. N.
Public Health Nurse

REPORT OF CITY PHYSICIAN

Visits made for the Department of Public Welfare:	
To patients in their homes	91
Office calls	60
Visits made for the Health Department:	
To patients in their homes	57
Visits of inspection and consultation	224
Visits for the Police Department	27
Examinations, order of the Mayor	2
Vaccinations	87

Respectfully submitted,

CLARENCE P. HOLDEN, M. D.
City physician

Report of Board of Survey

To the Honorable Mayor and the Board of Aldermen,

Gentlemen:—

The eleventh annual report of the Board of Survey for the year ending December 31, 1928 is hereby submitted.

Mr. William N. Folsom, Chairman, and a member of the Board since it was established, resigned on February 2nd and Mr. William J. L. Roop was appointed to fill the vacant position. Mr. William E. Waterhouse was elected chairman.

The Board has held eight meetings of record during the year.

Plans of land owned by C. W. Bloss, bounded northerly by Porter Street and westerly by Ardsmore Road, the street laid out therein being an extension of Sheffield Road, were accepted.

Plans of the Boston Rock section owned by John and Baptiste Bucci and containing streets to be known as "Boston Rock Road, Madison Avenue, Bunker Hill Road, Jefferson Avenue and Lynnview Avenue" were accepted.

Plans of land owned by Frank D. Greeley, located between Lynde Street and Mystic Avenue and showing a street which is an extension of Rendall Court, were accepted and approved.

Plans of land owned by Frank E. Keniston and located between Main Street on the west, Damon Avenue on the east, and contained in the area between Boardman Avenue on the north and Pearl Street on the south, the street therein to be known as "Lovell Road" were accepted and approved.

A plan of land showing an extension of Glendale Avenue, submitted by Clarence Cochrane, administrator of Maurice Cochrane Estate, was accepted.

A plan of land on the northerly side of Lebanon Street near the Malden Line submitted by Signe Bratley and containing a proposed street designated as "Bratley Street" was accepted.

FINANCIAL STATEMENT

Board of Survey—Other Expenses:

Appropriation	$25.00	
Expended	24.52	
Balance		$0.48

Respectfully submitted,

WILLIAM E. WATERHOUSE
BERTRAM E. LOVEJOY
WILLIAM J. L. ROOP
FRANK EMERSON, *Clerk*

Report of Cemetery Committee

To the Honorable Mayor and Board of Aldermen:

In accordance with the provisions of Chapter 22, Section 5, Revised Ordinances of 1922, City of Melrose, the Cemetery Committee herewith submits its report for the year ending December 31, 1928.

Appropriations

Maintenance, Improvements, Care of Soldiers' Graves	$16,900.00	
Development of New Lots and Avenues	5,100.00	$22,000.00

Expenditures

Salary of Superintendent	$2,625.00		
Salary of Committee	75.00		
Labor (Pay Rolls)	11,580.63		
Purchase Chevrolet truck, registration, repairs and accessories	821.58		
Shrubs, seeds, dressing, etc.	102.50		
Office expenses	274.78		
Cemetery expenses	274.78		
Cemetery Supplies	855.91		
Gas, oil and grease	157.36		
Insurance	83.32		
Development new lots and avenues	5,098.68		
Overdraft to 1928	22.78	$21,697.54	
Unexpended balance		302.46	$22,000.00

Receipts

Sale, Rights of Burial, lots	$5,099.37	
Sale, Rights of Burial, graves	1,624.00	
Perpetual Care	7,280.42	
Annual Care	1,643.00	
Interments	2,915.00	
Slate and Cement Vaults	120.00	
Lowering device	126.00	
Green graves	189.00	
Foundations	1,259.75	
Rentals	260.00	
Miscellaneous	144.82	
Interest, Perpetual Trust Fund	4,636.11	$25,297.47

Signed for Committee

HAROLD W. ANDERSON, *Chairman*

Report of Wyoming Cemetery Superintendent

Wyoming Cemetery Committee,
Melrose, Mass.

Gentlemen:—

The following is a report of the Superintendent of Wyoming Cemetery for the year ending December 31, 1928.

Total number of interments to Jan. 1, 1929	9,466
Interments during 1928	287
Removals from Cemetery, 1928	0
Total number of interments to Jan. 1, 1929	9,466
Rights of Burial, lots, sold, to Jan. 1, 1928	1,824
Rights of Burial, lots, sold, during 1928	48
Rights of Burial, lots, deeded back, 1928	0
Total Rights of Burial, lots, sold, to Jan. 1, 1929	1,872
Rights of Burial, single graves, sold, to Jan. 1, 1928	1,973
Rights of Burial, sold, during 1928	111
Total Rights of Burial, single graves, sold to Jan. 1, 1929	2,084
Total number lots under perpetual care	1,031
Total number single graves under perpetual care	741
Total number of lots available for sale, Jan. 1, 1928	70
Total number lots completed ready for sale during 1928	79
Total number of single graves completed during 1928	150
Total number of lots available for sale Jan. 1, 1929	101
Area, sq. ft., lots, completed during 1928	11,880
Area, sq. ft. Section F, excavated and rough graded	3,750
Area, sq. ft. Section Two, rough graded	2,400

During 1928, the biggest year in every respect in the history of the department, progress may be reported as follows: The unsightly condition in Section F has been transformed into 42 family lots, trenched to a depth of 5 feet from which approximately 600 cubic yards of ledge was removed and the section has been filled, loamed and seeded.

In Section East, a section of children's single graves, 5,100 sq. ft. has been graded and loamed.

In Section One, 1,650 sq. ft. have been loamed and seeded, thus completing this section.

In section Two, 30 lots have been made ready for sale, together with 150 adult single graves. There are also completed, but not staked 3,750 sq. ft. There has also been 2,400 sq. ft. in this section rough graded.

In Section F there has been 336 linear feet of 16 foot avenue rock ballasted and 38 linear feet uncompleted, all of which must be surfaced and tolled.

In Section A, 210 linear feet of concrete walk, three feet, six inches wide has been built.

There was purchased this year a Chevrolet one ton dump truck which enabled the department to eliminate the expense of outside team hire at an approximate saving of $500.00 for the year.

Respectfully submitted,

R. A. LEAVITT,
Superintendent

Report of City Auditor

To the Honorable Mayor and Board of Aldermen,

Gentlemen:—

I have the honor to submit herewith the annual report of the City Auditor for the year 1928. Being a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January 1928 and ending on the thirty-first day of December 1928, with a statement of the funded debt, a statement of the assets and liabilities, a detailed statement of each department together with a schedule of city property.

In accordance with the requirements of Chapter 322, Acts of 1924, I have examined the several trust funds under the control of the Public Library and find proper vouchers for and bank books showing balances as stated by them in their report.

WILLIAM T. WOLLEY,
City Auditor

FINANCES

The assessed valuation of the city April 1, 1928 was:

Real estate	$31,054,750.00
Personal estate	3,526,450.00
	$34,581,200.00
Increase in valuation from April 1, 1927 to April 1, 1928	$1,805,100.00
Number of dwellings April 1, 1928	4,708
Number of polls assessed April 1, 1928	6,591
Population	22,587
Rate of taxation for $1,000.00 April 1, 1928	$31.60

Appropriations:

State tax	$37,315.00
Metropolitan Sewer tax	27,025.33
Metropolitan Park tax	17,152.10
Charles River Basin tax	2,961.86
State Highway tax	634.97
Fire Prevention tax	273.27
Southern Route tax	2,051.95
Brookline Street tax	786.90
Cambridge Artery tax	1,435.56
Metropolitan Planning tax	253.16
Abatement Smoke Nuisance tax	121.29
Saugus Water tax	2.00
County tax	39,291.06
County Tuberculosis tax	3,010.85
City Budget	958,912.78
Overlay	14,719.84
	$1,105,947.92
Less Income tax	84,691.30
	$1,021,256.62

BONDED DEBT

Bonded debt Dec. 31, 1927		$1,051,500.00
Increase in Sewer Bonds 1928	$40,000.00	
Increase in Surface Drainage Bonds 1928	15,000.00	
Increase in Water Bonds 1928	35,000.00	
Increase in Fire Station Bonds 1928	35,000.00	125,000.00
		$1,176,500.00
Decrease in Auditorium and Memorial Building Bonds	$5,000.00	
Decrease in School Bonds	33,000.00	
Decrease in Sewer Bonds	17,500.00	
Decrease in Surface Drainage Bonds	13,500.00	
Decrease in Water Bonds	36,000.00	
Decrease in City Hall Extension Bonds	3,000.00	
Decrease in City Stable Bonds	2,000.00	110,000.00
Total bonded debt Dec. 31, 1928		$1,066,500.00

Increase $15,000.00

MUNICIPAL DEBT NOTES

Total outstanding Dec. 31, 1927	$184,100.00	
Increase—Notes issued 1928	20,000.00	
	$204,100.00	
Decrease—Notes paid 1928	43,600.00	
Total outstanding Dec. 31, 1928		$160,500.00

Decrease $23,600.00

Municipal Notes due 1929	$45,500.00	
1930	38,000.00	
1931	25,000.00	
1932	19,000.00	
1933	11,000.00	
1934	7,000.00	
1935	7,000.00	
1936	4,000.00	
1937	4,000.00	160,500.00

BONDED DEBT DEC. 31, 1928

Auditorium and Memorial Building Bonds	$37,000.00	
School Building Bonds	491,000.00	
Sewer Bonds	236,000.00	
Surface Drainage Bonds	79,500.00	
Water Bonds	118,000.00	
City Hall Extension Bonds	44,000.00	
City Stable Building Bonds	26,000.00	
Fire Station Building Bonds	35,000.00	$1,066 500.00
Less Sinking Funds:		
School House Loan	$94,610.29	
Sewer Loan	35,355.03	129,965.32
Net Bonded Debt		$936,534.68

RECAPITULATION OF CITY DEBT

Municipal Notes		$160,500.00
Net Bonded Debt		936,534.68
Total Net Debt Dec. 31, 1928		$1,097,034.68
Total Net Debt Dec. 31, 1927		$1,111,082.04
Total Net Debt Dec. 31, 1928		1,097,034.68
Decrease 1928		14,047.36
Increase in Sinking Funds	$5,447.36	
Decrease in Notes	23,600.00	
	$29,047.36	
Less increase in Bonds	15,000.00	
Total Decrease	$14,047.36	

CASH ACCOUNT FOR 1928

Cash on hand and in banks Dec. 31, 1927		$193,283.61
Receipts:		
January	$459,232.68	
February	68,668.45	
March	68,389.63	
April	67,958.24	
May	169,821.05	
June	45,371.11	
July	474,523.73	
August	38,385.29	
September	72,963.94	
October	469,053.59	
November	322,894.79	
December	242,428.49	$2,499,690.99
		$2,692,974.60

Payments:		
January	$270,249.19	
February	94,682.78	
March	153,494.62	
April	103,482.64	
May	123,075.56	
June	181,870.45	
July	113,395.74	
August	339,755.52	
September	123,008.94	
October	256,178.50	
November	446,206.79	
December	363,246.30	$2,568,647.03
Cash on hand Dec. 31, 1928		$124,327.57

ESTIMATED RECEIPTS

Receipts:		
Transfers from sundry accounts		$59,355.91
Charges:		
Budget appropriation	61,421.83	
Overdraft		2,065.92
	$61,421.83	$61,421.83

EXCESS AND DEFICIENCY

Receipts:		
Balance from 1927		$20,558.80
Transfers from sundry accounts		11,709.51
Charges:		
Budget Appropriation	$11,762.88	
Sundry transfer o ders	6,581.03	
Balance to 1929	13,924.40	
	$32,268.31	$32,268.31

ASSETS AND LIABILITIES

Assets:		
Cash on hand Dec. 31, 1928	$124,327.57	
Uncollected accounts	601,711.44	
Invested in Public Buildings, Land, Parks and Other Property	2,231,445.08	
Invested in Sinking Funds	129,965.32	
Invested in Sewerage System	776,725.08	
Invested in Surface Drainage System	379,898.36	
Invested in Water System	744,165.47	$4,988,238.32

Liabilities:		
Municipal Debt Bonds	$1,066,500.00	
Municipal Debt Notes	160,500.00	
Revenue Loans	350,000.00	
Sundry Funds	1,085.42	
Sundry Accounts	1,159.20	1,579,244.62
Assets exceed liabilities		$3,408,993.70

REVENUE

Taxes—1920 to 1924	Balance from 1927	$1,215.52	
	Collected and abated, etc.	763.81	
	Balance		$451.71
Taxes—1925	Balance from 1927	$10,068.79	
	Collected and abated, etc.	9,193.64	
	Balance		$875.15
Taxes—1926	Balance from 1927	$51,404.05	
	Collected, abated, etc.	40,314.85	
	Balance		$11,089.20
Taxes—1927	Balance from 1927	$339,007.30	
	Collected and abated	248,315.17	
	Balance		$60,692.13
Taxes—1928	Assessors' Warrant	$1,105,947.92	
	Additional Warrant	1,246.84	
		$1,107,194.76	
	Collected and abated	737,914.48	
	Balance		$369,280.28

TAX TITLES AND TAKINGS

Balance from 1927	$15,114.05	
Additional	8,587.68	
	$23,701.73	
Collected	5,154.08	
Balance		$18,547.65

REAL ESTATE TAKEN BY CITY

Balance from 1927		$11,903.67	
Additional		2,254.45	
		$14,158.12	
Collected		1,396.87	
Balance			$12,761.25

SEWER ASSESSMENTS

1920 to 1922	Balance from 1927		$126.65
1923 to 1927	Balance from 1927	$43,913.35	
	Additional 1928	15,763.75	
		$59,677.10	
	Collected, apportioned and suspended	11,284.12	
	Balance		$48,392.98

SIDEWALK ASSESSMENTS

1921	Balance from 1927		$113.61
1922	Balance from 1927		450.65
1923 to 1927	Balance from 1927	$32,154.16	
	Additional 1928	27,779.49	
		$59,933.65	
	Collected and apportioned	13,137.83	
	Balance		$46,795.82

STREET BETTERMENT ASSESSMENTS

1920	Balance from 1927		$31.59
1921	Balance from 1927		496.17
1922	Balance from 1927		221.60
1923 to 1927	Balance from 1927	$17,144.96	
	Additional 1928	13,704.41	
		$30,849.37	
	Collected and apportioned	6,789.18	
	Balance		$24,060.19

WATER RATES

1919 to 1922	Balance from 1927		$1,169.07
1923	Balance from 1927		810.82
1924	Balance from 1927	$546.89	
	Collected	81.38	
	Balance		465.51
1925	Balance from 1927	$297.94	
	Collected	9.00	
	Balance		288.94
1926	Balance from 1927	$1,165.99	
	Collected	433.18	
	Balance		732.81
1927	Balance from 1927	$3,016.84	
	Commitment	10,576.95	
		$13,593.79	
	Collected	12,027.40	
	Balance		1,566.39
1928	Commitments	$56,978.80	
	Collected	53,247.26	
	Balance		3,731.54

WATER INCOME

Receipts:		
From Water Rates	$65,716.84	
From summons	96.60	$65,813.44
Charges:		
Deficit from 1927	$13,945.27	
Budget appropriation	30,000.00	
Interest on bonds	5,096.25	
Metropolitan Water Charges	36,443.00	
Refunds	102.93	
Balance to 1929		19,774.01
	$85,587.45	$85,587.45

COMMONWEALTH OF MASSACHUSETTS

Balance Dec. 31, 1927	$1,073.50	
Pay rolls, State Aid	990.00	
Pay rolls, Military Aid	7.50	
Soldiers' Burial	99.00	
	$2,170.00	
Cash received from Commonwealth	1,179.50	$990.50

Commissioner of Taxes

Income Tax Collected by Commonwealth

Balance Dec. 31, 1927		$20,850.26
Cash received from Commonwealth		105,522.50
Assessors' Warrant	$84,691.30	
Budget Appropriation	20,850.26	
Balance Dec. 31, 1928	20,831.20	
	$126,372.76	$126,372.76

Grants and Gifts

Receipts:		
From Middlesex County (Dog Tax)		$2,598.22
Charges:		
Transferred to Revenue 1928	$2,598.22	
	$2,598.22	$2,598.22

Bank and Corporation Tax

Receipts:		
From Commonwealth		$22,762.53
Charges:		
Refunds to Commonwealth	$341.21	
Transferred to Highway Division	1,229.26	
Transferred to Estimated Receipts	21,192.06	
	$22,762.53	$22,762.53

GENERAL GOVERNMENT

ALDERMEN—Salaries and Wages

Receipts:		
Appropriation		$1,200.00
Expended:		
Salary of Clerk	$1,200.00	
	$1,200.00	$1,200.00

Receipts: **Other Expenses**		
Appropriation		$1,300.00
Transfer Order No. 18783		300.00
Expended:		
Express and Trucking	$13.84	
Postage, Stationery, Printing and Advertising	251.51	
Serving and posting notices	79.82	
Telephone	91.17	
Floral tributes	6.00	
Printing budget	61.75	
Taxi hire	11.00	
Photostat of by-laws	21.35	
Furniture	34.80	
Engrossing Testimonial (Milano)	15.00	
Gavel and engraving (Malm)	18.10	
Ditto machine and equipment	227.65	
Miscellaneous	3.60	
Transfer Order No. 18707	150.00	
Transfer Order No. 18800	300.00	
Balance to Excess and Deficiency	314.41	
	$1,600.00	$1,600.00

MAYOR—Salaries and Wages

Receipts:		
Appropriation		$4,405.67
Expended::		
Salary of Mayor	$2,500.00	
Salary of Clerk	1,905.00	
Balance to Excess and Deficiency	.67	
	$4,405.67	$4,405.67

Receipts: **Other Expenses**		
Appropriation		$400.00
Expended:		
Stationery, printing, postage and advertising	$137.97	
Telephone	115.87	
Furniture and fixtures	37.20	
Books and magazines	41.50	
Dues in Mayors' Club	3.00	
Floral tributes	15.00	
Telechron clock and installing	43.48	
Miscellaneous	5.25	
Balance to Excess and Deficiency	.73	
	$400.00	$400.00

Inaugural

Receipts:		
Appropriation		$250.00
Expended:		
Postage	$.92	
Carfares	.92	
Balance to 1929	248.16	
	$250.00	$250.00

AUDITOR—Salaries and Wages

Receipts:		
Appropriation		$4,434.57
Expended:		
Salary of Auditor	$2,500.00	
Salary of Clerk	1,934.57	
	$4,434.57	$4,434.57

Other Expenses

Receipts:		
Appropriation		$275.00
Expended:		
Postage, stationery and printing	$163.70	
Telephone	33.00	
Furniture and Fixtures	70.00	
Carfares and expenses	3.61	
Dues—Auditors' Association	2.00	
Miscellaneous	.70	
Balance to Excess and Deficiency	1.99	
	$275.00	$275.00

TREASURER—Salaries and Wages

Receipts:		
Appropriation		$4,830.00
Expended:		
Salary of Treasurer	$3,000.00	
Salary of Clerk	1,880.00	
	$4,880.00	$4,880.00

Other Expenses

Receipts:	
Appropriation	$600.00
Transfer Order No. 18823	25.00

Expended:		
Postage, stationery, printing and advertising	$269.04	
Subscription to News Bureau	18.00	
Carfares	8.40	
Rent of safety deposit box	10.00	
Telephone	37.57	
Paymaster's bond	5.00	
Premium on Treasurer's bond	193.72	
Expenses to Treasurers' and Collectors' Association	4.00	
Purchase of check writer	65.00	
Miscellaneous	8.15	
Balance to Excess and Deficiency	6.12	
	$625.00	$625.00

Receipts: **Certification of Bonds and Notes**		
Appropriation		$1,250.00
Expended:		
Paid to Old Colony Trust Co.	$735.00	
Balance to Excess and Deficiency	515.00	
	$1,250.00	$1,250.00

Receipts: **COLLECTOR—Salaries and Wages**		
Appropriation		$4,800.00
Transfer Order No. 18821		100.00
Expended:		
Salary of Collector	$2,500.00	
Salary of Clerks	2,384.51	
Balance to Excess and Deficiency	15.49	
	$4,900.00	$4,900.00

Receipts: **Other Expenses**		
Appropriation		$1,516.00
Expended:		
Stationery, printing, postage and advertising	$792.95	
Express and trucking	.50	
Telephone	37.51	
Furniture and fixtures	4.50	
Premium on bond	506.00	
Burglary insurance	12.18	
Expenses at convention of Association	8.50	
Transfer Order No. 18821	100.00	
Balance to Excess and Deficiency	53.86	
	$1,516.00	$1,516.00

Land Court Proceedings

Receipts:		
Balance from 1927		$756.56
Expended:		
Paid to Land Court on petitions for foreclosures	$300.00	
Balance to 1929	456.56	
	$756.56	$756.56

ASSESSORS—Salaries and Wages

Receipts:		
Appropriation		$7,150.00
Transfer Order No. 18782		235.00
Expended:		
Salary of Assessors	$3,000.00	
Salary of Assistant Assessors	375.00	
Salary of Clerk of Board	1,900.00	
Clerical assistance	2,110.00	
	$7,385.00	$7,385.00

Other Expenses

Receipts:		
Appropriation		$1,550.00
Expended:		
Stationery, printing, advertising and postage	$137.37	
Telephone	42.30	
Carfares	7.02	
Copies of Auto Tax List	15.00	
Posting notices	5.00	
Express and trucking	5.65	
Registering transfers	152.87	
Use of auto	150.00	
Expenses at convention and meetings	15.09	
Printing Poll Books	579.84	
Counter cabinets and cover	170.40	
Miscellaneous	7.00	
Transfer Order No. 18782	235.00	
Balance to Excess and Deficiency	27.46	
	$1,550.00	$1,550.00

CITY CLERK—Salaries and Wages

Receipts:		
Appropriation		$3,650.00
Expended:		
Salary of City Clerk	$2,150.00	
Salary of Assistant City Clerk	1,000.00	
Other clerical services	437.50	
Balance to Excess and Deficiency	62.50	
	$3,650.00	$3,650.00

Other Expenses

Receipts:		
Appropriation		$500.00
Expended:		
Printing, stationery, postage and advertising	$192.75	
Telephone	82.23	
Premium on bond	4.00	
Express and trucking	4.35	
Repairs to typewriter	3.00	
Cost of typewriter	67.25	
Dog tags	33.00	
Dues in City Clerks' Association	10.00	
Carfares	6.80	
Dues and expenses at convention	22.00	
Filing equipment	66.00	
Miscellaneous	2.80	
Balance to Excess and Deficiency	5.82	
	$500.00	$500.00

CITY SOLICITOR—Salaries and Wages

Receipts:		
Appropriation		$1,500.00
Expended:		
Salary of Solicitor	$1,500.00	
	$1,500.00	$1,500.00

Other Expenses

Receipts:		
Appropriation		$100.00

Expended:		
Postage	$5.00	
Recording	7.20	
Carfares	.75	
Legal expenses	6.25	
Miscellaneous	1.40	
Balance to Excess and Deficiency	79.40	
	$100.00	$100.00

CITY PHYSICIAN—Salaries and Wages

Receipts:		
Appropriation		$1,000.00
Expended:		
Salary of Physician	$1,000.00	
	$1,000.00	$1,000.00

ELECTION AND REGISTRATION—Salaries and Wages

Receipts:		
Appropriation		$4,360.00
Transfer Order No. 18763-A		504.00
Transfer Order No. 18825		150.00
Expended:		
Clerical work	$556.25	
Salary of Board of Registrars	800.00	
Election officers	2,764.50	
Janitors' services	99.00	
Police officers	340.80	
Clerks at registration	24.50	
Tellers at recounts	125.00	
Writing tally sheets	200.00	
Balance to Excess and Deficiency	103.95	
	$5,014.00	$5,014.00

Other Expenses

Receipts:	
Balance from 1927	$128.02
Appropriation	2,400.00
Transfer Order No. 18825	425.00
Cash refunds	10.00

Expended:		
Moving and trucking booths and putting out voting lists	367.10	
Advertising and Printing	544.15	
Purchase of voting booths, tables and cases	595.30	
Cost of typewriter	50.00	
Postage	37.00	
Use of auto, taxi service and carfares	31.30	
Rent of polling places	243.00	
Miscellaneous supplies	29.20	
Electric work and supplies	53.78	
Fuel	2.75	
Printing voting lists	921.93	
Electric light	11.67	
Serving summons and notices	4.00	
Lunches	32.13	
Freight, express and trucking	22.90	
Balance to Excess and Deficiency	16.81	
	$2,963.02	$2,963.02

CITY PLANNING BOARD—Other Expenses

Receipts:		
Appropriation		$435.00
Expended:		
Stationery, printing and advertising	$14.38	
Miscellaneous supplies	15.47	
Postage, carfares and telephone	14.35	
Clerical work	33.25	
Subscription to magazines	3.00	
Dues to Massachusetts Federation	15.00	
Expenses at conference	28.46	
Balance to 1929	311.09	
	$435.00	$435.00

BOARD OF SURVEY—Other Expenses

Receipts:		
Appropriation		$25.00
Expended:		
Printing and stationery	$24.52	
Balance to Excess and Deficiency	.48	
	$25.00	$25.00

GARAGE AND LICENSE COMMISSION—Salaries and Wages

Receipts:		
Appropriation		$50.00
Expended:		
Transfer Order No. 18755	$40.00	
Transfer Order No. 18878	3.75	
Balance to Excess and Deficiency	6.25	
	$50.00	$50.00

Other Expenses

Receipts:		
Appropriation		$50.00
Transfer Order No. 18755		40.00
Transfer Order No. 18878		3.75
Expended:		
Office supplies	$1.50	
Stationery and printing	10.00	
Advertising	80.25	
Balance to Excess and Deficiency	2.00	
	$93.75	$93.75

BOARD OF APPEAL—Salaries and Wages

Receipts:		
Appropriation		$100.00
Expended:		
Salary of Clerk	$100.00	
	$100.00	$100.00

Other Expenses

Receipts:		
Appropriation		$150.00
Expended:		
Postage	$17.00	
Advertising	27.98	
Office supplies	5.50	
Zoning maps	22.50	
Stationery and printing	17.25	
Listing telephone	4.00	
Balance to Excess and Deficiency	55.77	
	$150.00	$150.00

FENCE VIEWERS—Other Expenses

Receipts:		
Appropriation		$25.00
Expended:		
Balance to Excess and Deficiency	$25.00	
	$25.00	$25.00

PUBLIC WORKS DEPARTMENT

(For details see report of Public Works Department)

PUBLIC WORKS—Salaries and Wages

Receipts:		
Appropriation		$14,396.00
Expended:		
Salary of Engineer and Superintendent	$5,000.00	
Salary of Clerks	7,869.43	
Bills paid	3.60	
Balance to Excess and Deficiency	1,522.97	
	$14,396. 0	$ 4,396 00

Other Expenses

Receipts:		
Appropriation		$1,670.00
Expended:		
Bills paid	$1,402.70	
Transfer bills	153.12	
Balance to Excess and Deficiency	114.18	
	$1,670.00	$1,670.00

Vacations

Receipts:		
Appropriation		$8,000.00
Expended:		
Payrolls	$7,889.26	
Balance to Excess and Deficiency	110.74	
	$8,000.00	$8,000.00

ENGINEERS—Salaries and Wages

Receipts:		
Appropriation		$6,449.00
Cash Receipts		129.15

Expended:		
Pay Rolls	$6,419.51	
Bills paid	58.71	
Balance to Excess and Deficiency	99.93	
	$6,578.15	$6,578.15

Other Expenses

Receipts:		
Appropriation		$1,213.00
Cash receipts		1.22
Expended:		
Bills paid	$1,181.26	
Balance to Excess and Deficiency	32.96	
	$1,214.22	$1,214.22

CITY HALL—Salaries and Wages

Receipts:		
Appropriation		$3,780.00
Expended:		
Pay rolls	$3,304.88	
Bills paid	36.54	
Transfer Order No. 18776	300.00	
Balance to Excess and Deficiency	138.58	
	$3,780.00	$3,780.00

Other Expenses

Receipts:		
Appropriation		$4,500 00
Expended:		
Bills paid	$4,244.47	
Balance to Excess and Deficiency	255.53	
	$4,500.00	$4,500.00

Alterations and Repairs

Receipts:		
Appropriation		$500.00
Balance from 1927		50.00
Expended:		
Pay rolls	$22.06	
Bills paid	117.00	
Transfer Bills	376.31	
Balance to Excess and Deficiency	34.63	
	$550.00	$550.00

AUDITORIUM—Salaries and Wages

Receipts:		
Appropriation		$3,500.00
Expended:		
Pay rolls	$3,090.94	
Transfer Order No. 18961	241.00	
Balance to Excess and Deficiency	168.06	
	$3,500.00	$3,500.00

Other Expenses

Receipts:		
Appropriation		$3,500.00
Cash receipts		1.53
Transfer Order No. 18623		10.00
Transfer Order No. 18961		241.00
Expended:		
Hardware and janitors' supplies	$219.61	
Electrical work and supplies	127.35	
Gas light	71.92	
Electric light	494.78	
Fuel	799.50	
Raising walks, labor and gravel	184.39	
Freight and express	7.46	
Plumbing and steamfitting, labor and parts	255.73	
Telephone	24.60	
Water rates	28.51	
Tuning pianos	30.00	
Postage, staionery and printing	4.75	
Miscellaneous labor	5.50	
Painting	221.55	
Plants and flowers	150.00	
Floral tributes	5.00	
Building repairs	60.08	
Carpenter work	168.29	
Plastering	21.25	
Transfer Order No. 18851	500.00	
Bills contracted but not paid	241.00	
Balance to Excess and Deficiency	131.26	
	$3,752.53	$3,752.53

Repairs after Construction

Receipts:	
Balance from 1927	$2,337.19
Transfer Order No. 18851	500.00

Expended:		
Balance to 1929	$2,837.19	
	$2,837.19	$2,837.19

PROTECTION OF LIFE AND PROPERTY

POLICE DEPARTMENT—Salaries and Wages

Receipts		
Appropriation		$6,433.80
Expended:		
Pay rolls	$55,319.42	
Transfer Order No. 18853-A	1,100.00	
Balance to Excess and Deficiency	14.38	
	$56,433.80	$56,433.80

Equipment and Repairs

Receipts:		
Appropriation		$1,200.00
Expended:		
Miscellaneous supplies	$36.57	
Oil and gas	266.99	
Equipment	525.26	
Parts and repairs on autos and motorcycles	321.08	
Furniture and fixtures	47.50	
Balance to Excess and Deficiency	2.60	
	$1,200.00	$1,200.00

Other Expenses

Receipts:		
Appropriation		$1,300.00
Cash refund		3.87
Expended:		
Freight and express	$1.26	
Electric lamps and lighting	30.34	
Stationery, printing, advertising and postage	377.14	
Telephone	315.77	
Liability insurance on autos	60.00	
Renewal of chauffeurs' licenses	32.00	
Expenses of liquor investigations	98.80	
Miscellaneous supplies and equipment	135.75	

Expended:—*Continued*		
Painting and varnishing	$5.00	
Expenses at conventions	9.00	
Use of Y. M. C. A. Gymnasium 1928	150.00	
Filing cabinets	16.00	
Medical attendance (accident)	21.00	
Miscellaneous	9.80	
Bills contracted but not paid	36.25	
Balance to Excess and Deficiency	5.76	
	$1,303.87	$1,303.87

Conventions—Colorado Springs Colo.

Receipts:		
Appropriation		$250.00
Expended:		
Expenses of Captain to Colorado Springs Convention	$250.00	
	$250.00	$250.00

Signal Box Maintenance

Receipts:		
Appropriation		$4,200.00
Expended:		
Repairs and stock on system	$2,046.46	
Express and trucking	24.26	
Hardware, tools and supplies	60.88	
Labor and parts on auto	67.92	
Gas and oil	45.64	
Pay rolls	1,464.00	
Horse and team hire	411.00	
Auto liability insurance	20.90	
Garage rent	42.00	
Transfer bills	14.09	
Balance to Excess and Deficiency	2.85	
	$4,200.00	$4,200.00

Ambulance Fund

Receipts:	
Balance from 1927	$152.08
Cash receipts	215.00

Expended:		
Equipment	$16.27	
Parts and repairs on ambulance	62.20	
Chauffeurs' licenses	39.00	
Miscellaneous	9.76	
Balance to 1929	239.85	
	$367.08	$367.08

Mechanician

Receipts:		
Appropriation		$400.00
Expended:		
Salary of mechanician	$400.00	
	$400.00	$400.00

Purchase of Motorcycle Uniforms

Receipts:		
Appropriation		$75.00
Expended:		
Cost of uniforms	$71.75	
Balance to Excess and Deficiency	3.25	
	$75.00	$75.00

Purchase of Motorcycle

Receipts:		
Appropriation		$400.00
Expended:		
Cost of motorcycle	$368.00	
Tire and windshield	24.00	
Balance to Excess and Deficiency	$8.00	
	$400.00	$400.00

Purchase of New Automobile

Receipts:		
Transfer Order No. 18853-A		$1,100.00
Transfer Order No. 18853-B		900.00
Balance to 1929	$2,000.00	
	$2,000.00	$2,000.00

FIRE DEPARTMENT—Salaries and Wages

Receipts:		
Appropriation		$60,875.00
Expended:		
Pay rolls	$59,222.21	
Transfer Order No. 18852	300.00	
Balance to Excess and Deficiency	1,352.79	
	$60,875.00	$60,875.00

Fuel and Light

Receipts:		
Appropriation		$1,900.00
Cash receipts		12.00
Transfer Order No. 18852		100.00
Expended:		
Fuel	$1,304.74	
Gas light	53.74	
Electric light	219.29	
Electric lamps	9.00	
Gasolene	389.30	
Balance to Excess and Deficiency	35.93	
	$2,012.00	$2,012.00

Equipment and Repairs

Receipts		
Appropriation		$2,300.00
Cash receipts		35.00
Expended:		
Equipment	$1,061.67	
Miscellaneous supplies	183.58	
Repairs and parts on trucks and autos.	1,038.55	
Freight, express and trucking	36.65	
Balance to Excess and Deficiency	14.55	
	$2,335.00	$2,335.00

Repairs on Buildings

Receipts:		
Appropriation		$1,000.00

Expended:		
Lumber and carpenter work	$93.08	
Plumbing work	62.17	
Tools and hardware	211.23	
Electric work	385.98	
Install linoleum in Chief's office	47.00	
Water rates 1928	$33.40	
Awning	10.00	
Furniture	15.75	
Painting	43.30	
Metal ceiling	70.00	
Balance to Excess and Deficiency	28.09	
	$1,000.00	$1,000.00

Other Expenses

Receipts:		
Appropriation		$1,400.00
Transfer Order No. 18852		200.00
Expended:		
Miscellaneous supplies and equipment	$564.51	
Trucking, freight and express	9.55	
Stationery, printing, postage and advertising	103.05	
Telephone	399.09	
Laundry	155.94	
Furniture and fixtures	127.53	
Liability and property insurance on cars	45.00	
Repairs to furniture	6.00	
Bedding	7.57	
Renewal of Chauffeurs' licenses	48.00	
Christmas wreaths	6.30	
Water rates 1928	25.86	
Balance to Excess and Deficiency	101.60	
	$1,600.00	$1,600.00

Purchase of Hose

Receipts:		
Appropriation		$500.00
Expended:		
Cost of hose	$498.33	
Balance to Excess and Deficiency	1.67	
	$500.00	$500.00

Conventions

Receipts:		
Appropriation		$150.00
Expended:		
Expenses to Convention in Burlington, Vt.	$38.70	
Balance to Excess and Deficiency	111.30	
	$150.00	$150.00

Furnishings for New Fire Station

Receipts:		
Appropriation		$650.00
Expended:		
Bedding	$196.50	
Furniture	329.50	
Trucking and express	4.00	
Lockers	107.10	
Balance to Excess and Deficiency	12.90	
	$650.00	$650.00

Fire Alarm Maintenance

Receipts:		
Appropriation		$7,425.00
Cash receipts		145.00
Expended:		
Repairs and stock on System	$5,065.50	
Pay rolls	1,778.00	
Hardware and miscellaneous supplies	131.43	
Gas and oil	45.87	
Electric light	5.66	
Telephone	45.49	
Liability insurance on car	20.90	
Express and trucking	28.96	
Garage rent	42.00	
Renewal of chauffeur's license	2.00	
Repairs and parts on car	45.64	
Horse and team hire	319.00	
Care of Fire Alarm during vacation	30.00	
Miscellaneous	9.00	
Balance to Excess and Deficiency	.55	
	$7,570.00	$7,570.00

INSPECTION OF BUILDINGS—Salaries and Wages

Receipts:		
Appropriation		$1,560.00
Expended:		
Salary of Building Inspector	$1,200.00	
Salary of Clerk	360.00	
	$1,560.00	$1,560.00

Other Expenses

Receipts:		
Appropriation		$80.00
Expend d:		
Postage	$12.00	
Stationery	59.95	
Typing building code	8.00	
Balance to Excess and Deficiency	.05	
	$80.00	$80.00

INSPECTION OF WIRES—Salaries and Wages

Receipts:		
Appropriation		$2,500.00
Salary of Inspector of Wires	$2,500.00	
	$2,500.00	$2,500.00

Other Expenses

Receipts:		
Appropriation		$125.00
Expended:		
Telephone	$56.75	
Stationery and printing	5.25	
Balance to Excess and Deficiency	63.00	
	$125.00	$125.00

SEALER OF WEIGHTS AND MEASURES—Salaries and Wages

Receipts:		
Appropriation		$1,000.00
Expended:		
Salary of Sealer of Weights and Measures	$1,000.00	
	$1,000.00	$1,000.00

Other Expenses

Receipts:		
Appropriation		$150.00
Expended:		
Hardware and supplies	$2.85	
Use of car	97.30	
Stationery and office supplies	5.50	
Plates and badges	7.73	
Convention expenses	35.04	
Miscellaneous	1.58	
	$150.00	$150.00

FORESTRY—Gypsy and Brown Tail Moth

Receipts:		
Appropriation		$1,000.00
Expended:		
Pay rolls	$384.76	
Bills paid and transfer bills	258.95	
Balance to Excess and Deficiency	356.29	
	$1,000.00	$1,000.00

Gypsy and Brown Tail Moth—Private Estates

Receipts:		
Appropriation		$350.00
Expended:		
Pay rolls	$158.09	
Transfer bills	44.92	
Balance to Excess and Deficiency	146.99	
	$350.00	$350.00

Care of Trees

Receipts:		
Appropriation		$5,000.00
Transfer from Excess and Deficiency		15.00
Cash Receipts		49.79
Expended:		
Pay rolls	$4,302.18	
Bills paid and transfer bills	715.75	
Transfer Order No. 18319	15.00	
Balance to Excess and Deficiency	31.86	
	$5,064.79	$5,064.79

Planting New Trees

Receipts:		
Balance from 1927		$1.40
Appropriation		300.00
Cash receipts		68.00
Expended:		
Pay rolls	$118.06	
Bills paid and transfer bills	184.60	
Balance to 1929	66.74	
	$369.40	$369.40

OTHER PROTECTION—Persons and Property—Dog Officers

Receipts:		
Cash from Commonwealth		$37.00
Expended:		
Paid for killing dogs	$37.00	
	$37.00	$37.00

Restraining of Dogs —Order No. 18329

Receipts:		
Balance from 1927		$50.00
Expended:		
Use of auto and transporting dogs	$50.00	
	$50.00	$50.00

HEALTH DEPARTMENT—General Administration

Receipts:		
Appropriation		$3,100.00
Transfer Order No. 18848		50.00
Expended:		
Salary of Chairman	$1,200.00	
Salary of Clerk	1,500.00	
Salary of Board of Health	100.00	
Subscription to journals and books	10.00	
Telephone	91.21	
Use of car	90.00	
Postage	29.70	
Stationery and printing	7.96	
Salary of Acting Chairman	50.00	
Registration fee	2.00	
Miscellaneous	3.80	
Balance to Excess and Deficiency	65.33	
	$3,150.00	$3,150.00

Quarantine and Contagious Diseases

Receipts:		
Appropriation		$2,700.00
Transfer of receipts		323.43
Transfer Order No. 18848-A		120.00
Expended:		
Medical supplies	$107.12	
Stationery, printing and books	93.40	
Hospital board and care and use of ambulance	2,826.00	
Advertising	2.25	
Use of car	90.00	
Miscellaneous	2.00	
Balance to Excess and Deficiency	22.66	
	$3,143.43	$3,143.43

Tuberculosis

Receipts:		
Appropriation		$800.00
Transfer Order No. 18848		110.00
Expended:		
Cash orders	$403.00	
Paid Commonwealth of Mass.	397.00	
Taxi fee	5.00	
Books and magazines	6.00	
Use of car	90.00	
Balance to Excess and Deficiency	9.00	
	$910.00	$910.00

Vital Statistics—Salaries and Wages

Receipts:		
Appropriation		$350.00
Expended:		
Clerical services	$177.50	
Transfer Order No. 18854	75.00	
Balance to Excess and Deficiency	97.50	
	$350.00	$350.00

Vital Statistics—Other Expenses

Receipts:		
Balance from 1927		$145.31
Appropriation		200.00
Transfer Order No. 18854		75.00

Expended:		
Return of Births 1927	$84.50	
Return of Births 1928	87.25	
Return of Deaths 1928	55.50	
Postage	25.00	
Office supplies and printing	68.47	
Trucking	.35	
Balance to Excess and Deficiency	99.24	
	$420.31	$420.31

Other Expenses

Receipts:		
Balance from 1927		$164.94
Appropriation		2,100.00
Cash receipts		21.00
Transfer of receipts		2.00
Expended:		
Salary of Plumbing Inspector	$1,450.00	
Freight, express and trucking	4.88	
Refrigerator and cabinet unit	225.50	
Stationery, printing, postage and advertising	114.03	
Burying dead animals	105.00	
Miscellaneous labor	36.71	
Medical services and supplies	4.36	
Use of ambulance and attendants	12.00	
Extra clerical assistance	30.00	
Parts and repairs on car	7.39	
Storage on car	29.00	
Oil and gas	15.77	
Liability insurance and property damage	19.48	
Use of car	90.00	
Repairs to typewriter	18.00	
Miscellaneous	6.43	
Transfer Order No. 18848	50.00	
Balance to Excess and Deficiency	69.39	
	$2,287.94	$2,287.94

Inspection of Food Products

Receipts:		
Appropriation		$200.00
Expended:		
Salary of Inspector	$200.00	
	$200.00	$200.00

Inspection of School Children

Receipts:		
Appropriation		$700.00
Transfer Order No. 18848		30.00
Expended:		
Salary of physicians	$720.00	
Balance to Excess and Deficiency	10.00	
	$730.00	$730.00

Inspector of Animals and Slaughtering

Receipts:		
Appropriation		$200.00
Expended:		
Salary of Inspector	$200.00	
	$200.00	$200.00

Inspection of Milk and Vinegar

Receipts:		
Appropriation		$100.00
Expended:		
Salary of Inspector	$66.67	
Balance to Excess and Deficiency	33.33	
	$100.00	$100.00

Inspection of Milk Analysis

Receipts:		
Appropriation		$400.00
Expended:		
Salary of Inspector	$266.66	
Transfer Order No. 18848	110.00	
Balance to Excess and Deficiency	23.34	
	$400.00	$400.00

Public Health Nurse

Receipts:		
Appropriation		$700.00
Expended:		
Salary of Nurse	$700.00	
	$700.00	$700.00

School Nurses

Receipts:		
Appropriation		$2,500.00
Transfer Order No. 18692		120.00
Expended:		
Salary of Nurses	$2,580.00	
Transfer Order No. 18848	30.00	
Balance to Excess and Deficiency	10.00	
	$2,620.00	$2,620.00

SANITATION

SEWER DIVISION—Maintenance

Receipts:		
Appropriation		$2,500.00
Expended:		
Pay rolls	$1,906.69	
Transfer bills	548.13	
Balance to Excess and Deficiency	45.18	
	$2,500.00	$2,500.00

SURFACE DRAINAGE—Maintenance

Receipts:		
Appropriation		$5,000.00
Expended:		
Pay rolls	$3,644.60	
Transfer bills	1,353.03	
Balance to Excess and Deficiency	2.37	
	$5,000.00	$5,000.00

Sewer and Surface Drainage Construction—Budget Appropriation

Receipts:		
Appropriation		$8,194.25
Expended:		
Transfer Order No. 18802 to Non-Revenue, Surface Drainage Construction	$8,194.25	
	$8,194.25	$8,194.25

Collection of Ashes

Receipts:		
Appropriation		$15,300.00
Transfer Order No. 18846-A		1,100.00
Expended:		
Pay rolls	$10,995.99	
Bills paid and transfer bills	5,329.01	
Balance to Excess and Deficiency	75.00	
	$16,400.00	$16,400.00

Refuse and Garbage Disposal

Receipts:		
Appropriation		$18,470.00
Expended:		
Pay rolls	$13,762.97	
Bills paid and transfer bills	4,654.11	
Balance to Excess and Deficiency	52.92	
	$18,470.00	$18,470.00

Street Cleaning

Receipts:		
Appropriation		$4,000.00
Expended:		
Pay rolls	$2,522.76	
Bills paid and transfer bills	1,477.24	
	$4,000.00	$4,000.00

Cleaning Brooks

Receipts:		
Appropriation		$1,000.00
Expended:		
Pay rolls	$904.23	
Transfer bills	79.74	
Balance to Excess and Deficiency	16.03	
	$1,000.00	$1,000.00

HIGHWAYS—Repairing

Receipts:		
Balance from 1927		$1,074.23
Appropriation		25,000.00
Cash—School Dept.		2,134.21
Memorial Building		184.39
Other Sources		2,548.08
Street Railway Tax		1,229.26
Expended:		
Pay rolls	$20,345.60	
Bills paid and transfer bills	7,731.70	
Transfer Order No. 18778	1,000.00	
Transfer Order No. 18846	1,441.00	
Transfer Order No. 18846-A	1,100.00	
Balance to 1929	551.87	
	$32,170.17	$32,170.17

Construction—Budget Appropriation

Receipts:		
Appropriation		$34,194.25
Expended:		
Transfer to Highway Construction—Non-Revenue	$34,194.25	
	$34,194.25	$34,194.25

Individual Walks

Receipts:		
Balance from 1927		$116.72
Appropriation		4,500.00
Estimates received		6,866.80
Expended:		
Pay rolls	$1,262.45	
Bills paid and transfer bills	6,467.46	
Estimates refunded	535.47	
Balance to 1929	3,218.14	
	$11,483.52	$11,483.52

Sidewalk Repairs

Receipts:	
Appropriation	$8,000.00
Transfer Order No. 18778	1,000.00
Cash receipts	62.50

Expended:		
Pay rolls	$4,512.11	
Bills paid and transfer bills	4,536.26	
Balance to Excess and Deficiency	14.13	
	$9,062.50	$9,062.50

Continuous Walks—Budget Appropriation

Receipts:		
Appropriation		$8,194.25
Expended:		
Transfer to Continuous Walks—Non-Revenue	$8,194.25	
	$8,194.25	$8,194.25

Crosswalks and Gutters

Receipts:		
Appropriation		$2,500.00
Expended:		
Pay rolls	$1,052.93	
Transfer bills	1,434.19	
Balance to Excess and Deficiency	12.88	
	$2,500.00	$2,500.00

Street Sprinkling

Receipts:		
Appropriation		$10,000.00
Cash receipts		277.93
Expended:		
Pay rolls	$564.02	
Bills paid and transfer bills	9,712.75	
Balance to Excess and Deficiency	1.16	
	$10,277.93	$10,277.93

Street Lighting

Receipts:		
Appropriation		$34,235.00
Cash receipts—Park Dept.		180.00
Expended:		
Paid to Malden Electric Co.	$32,841.41	
Transfer bills	30.00	
Balance to Excess and Deficiency	1,543.59	
	$34,415.00	$34,415.00

Street Signs and Numbers

Receipts:		
Appropriation		$1,000.00
Transfer Order No. 18784		200.00
Expended:		
Pay rolls	$301.26	
Bills paid and transfer bills	887.97	
Balance to Excess and Deficiency	10.77	
	$1,200.00	$1,200.00

Removal of Snow and Sanding

Receipts:		
Balance from 1927		$312.30
Appropriation		6,000.00
Overdraft to 1929		2,225.07
Expended:		
Pay rolls	$5,250.18	
Bills paid and transfer bills	3,287.19	
	$8,537.37	$8,537.37

Traffic Painting

Receipts:		
Appropriation		$400.00
Expended:		
Pay rolls	$4.71	
Bills paid and transfer bills	123.00	
Balance to Excess and Deficiency	272.29	
	$400.00	$400.00

Traffic Signs (Warning)

Receipts:		
Transfer Order No. 17808-A		$500.00
Expended:		
Pay rolls	$44.34	
Bills paid and transfer bills	364.96	
Balance to Excess and Deficiency	90.70	
	$500.00	$500.00

Stable Account

Receipts:		
Appropriation		$2,000.00
Expended:		
Pay rolls, bills paid and transfer bills	$1,207.89	
Balance to Excess and Deficiency	792.11	
	$2,000.00	$2,000.00

Steam Roller

Receipts:		
Balance from 1927		$3,509.21
Transfer bills		1,505.05
Expended:		
Pay rolls	$210.21	
Bills paid and transfer bills	497.91	
Transfer Order No. 18844	3,400.00	
Balance to 1929	906.14	
	$5,014.26	$5,014.26

Automotive Equipment

Receipts:		
Appropriation		$2,000.00
Cash receipts		201.33
Transfer bills		14,000.65
Expended:		
Pay rolls, bills paid and transfer bills	$13,682.34	
Balance to 1929	2,519.64	
	$16,201.98	$16,201.98

CHARITIES—General Administration

Receipts:		
Appropriation		$1,650.00
Expended:		
Salary of Clerk	$1,500.00	
Salary of Board	100.00	
Clerical work	30.00	
Balance to Excess and Deficiency	20.00	
	$1,650.00	$1,650.00

Outside Relief by City

Receipts:		
Appropriation		$5,000.00
Transfer Oder No. 18803		1,000.00
Cash refund		16.60
Expended:		
Pay rolls	$3,097.50	
Board and care	594.00	
Groceries	857.40	
Rent	827.00	
Fuel	216.25	
Medical supplies and attendance	46.11	
Grave and interment	224.00	
Moving and storage	17.25	
Milk	17.12	
Boots and shoes	5.00	
Balance to Excess and Deficiency	114.97	
	$6,016.60	$6,016.60

Relief by Other Cities and Towns

Receipts:		
Balance from 1927		$1,001.88
Appropriation		7,000.00
Transfer Order No. 18934		1,507.33
Expended:		
Paid Sturdy Memorial Hospital	$36.00	
" Com'l of Massachusetts	3,865.48	
" City " Boston	1,063.47	
" " " Malden	3,094.07	
" " " Revere	378.52	
" Town " Billerica	371.00	
" " " Stoneham	450.50	
Balance to Excess and Deficiency	50.17	
	$9,509.21	$9,509.21

Mothers' Aid

Receipts:		
Appropriation		$4,500.00
Expended:		
Pay rolls	$1,560.00	
Hospital board and care	86.00	
Cash (City of Malden)	346.67	
Transfer Order No. 18803	1,000.00	
Transfer Order No. 18934	1,507.33	
	$4,500.00	$4,500.00

E. Toothaker Fund

Receipts:		
Balance from 1927		$1,390.34
Cash receipts		2.00
Interest on Fund 1928		55.61
Expended:		
Pay rolls	$10.00	
Transfer bill	14.00	
Balance to 1929	1,423.95	
	$1,447.95	$1,447.95

A. C. Marie Currier Fund

Receipts:		
Balance from 1927		$1,333.30
Received from Trustees of Fund		1,129.60
Expended:		
Boots and shoes	$1,150.10	
Clothing	78.21	
Christmas dinners	523.33	
Balance to Excess and Deficiency	711.26	
	$2,462.90	2,462.90

Maintenance in Hospitals

Receipts:		
Appropriation		$1,200.00
Expended:		
Paid to Melrose Hospital	$1,004.00	
Balance to Excess and Deficiency	196.00	
	$1,200.00	$1,200.00

Community Civics—Melrose High School—Class 1918

Receipts:		
Balance from 1927		$19.86
Interest on Bond 1928		2.13
Expended:		
Balance to 1929	$21.99	
	$21.99	$21.99

Other Expenses

Receipts:		
Appropriation		$200.00
Expended:		
Telephone	$78.15	
Stationery, printing, postage and advertising	53.94	
Use of auto	8.00	
Furniture and fixtures	43.75	
Express	1.50	
Balance to Excess and Deficiency	14.66	
	$200.00	$200.00

SOLDIERS' BENEFITS—General Administration

Salaries and Wages

Receipts:		
Appropriation		$700.00
Expended:		
Salary of Agent	$700.00	
	$700.00	$700.00

Other Expenses

Receipts:		
Appropriation		$100.00
Expended:		
Typewriting	$42.00	
Taxi and carfares	14.40	
Stationery and printing	18.85	
Telephone	2.60	
Use of ambulance	5.00	
Postage	11.38	
Blance to Excess and Deficiency	5.77	
	$100.00	$100.00

State Aid

(Due from Commonwealth, November 1929)

Pay rolls	$990.00

Military Aid

(One-half due from Commonwealth, November 1929)

Receipts:		
Balance from 1927		$327.50
Appropriation		300.00
Expended:		
Pay rolls	$15.00	
Balance	612.50	
	$627.50	$627.50

Soldiers' Relief

Receipts:		
Appropriation		$7,000.00
Transfer Order No. 18775		1,000.00
Cash receipts		151.71
Expended:		
Cash orders	$5,760.13	
Groceries	900.00	
Milk	401.69	
Clothing	9.00	
Fuel	948.10	
Boots and shoes	22.00	
Medical supplies and attendance	72.37	
Dental work	3.00	
Rent	18.00	
Balance to Excess and Deficiency	17.42	
	$8,151.71	$8,151.71

Soldiers' Burial

(Due from Commonwealth, November 1929)

Bills paid		$99.00

SCHOOL DEPARTMENT—Administration Salaries

(For details see report of School Department)

Receipts:		
Appropriation		$5,000.00
Transfer		34.00
Expended:		
Salary of Superintendent	$5,033.28	
Balance to Excess and Deficiency	.72	
	$5,034.00	$5,034.00

Other General Salaries

Receipts:		$2,925.00
Expended:		
Salary of attendance officer	$500.00	
Salary of clerks	2,390.55	
Transfer	34.00	
Balance to Excess and Deficiency	.45	
	$2,925.00	$2,925.00

Other General Expenses

Receipts:		
Appropriation		$2,150.00
Transfer		225.00
Expended:		
Bills paid	$2,357.18	
Transfer	17.82	
	$2,375.00	$2,375.00

Teachers' Salaries

Receipts:		
Appropriation		$257,000.00
Cash receipts		18.25
Expended:		
Salaries	$253,344.56	
Transfer bill	25.50	
Transfers	3,648.19	
	$257,018.25	$257,018.25

Textbooks and Supplies

Receipts:		
Appropriation		$15,000.00
Cash receipts		25.96
Transfer of receipts		86.56
Transfer		1,500.00
Expended:		
Bills paid and transfer bills	$16,488.51	
Transfer	124.01	
	$16,612.52	$16,612.52

Other Expenses

Receipts:		
Appropriation		$1,000.00
Transfers		493.00
Expended:		
Bills paid	$1,492.22	
Balance to Excess and Deficiency	.78	
	$1,493.00	$1,493.00

Janitors' Services

Receipts:		
Appropriation		$21,000.00
Expended:		
Pay rolls	$20,397.31	
Transfers	602.00	
Balance to Excess and Deficiency	.69	
	$21,000.00	$21,000.00

Fuel

Receipts:		
Appropriation		$12,000.00
Transfers		579.00
Expended:		
Bills paid	$12,578.23	
Balance to Excess and Deficiency	.77	
	$12,579.00	$12,579.00

Power and Light

Receipts:		
Appropriation		$3,500.00
Transfer of receipts		6.95
Expended:		
Bills paid	$3,257.76	
Transfers	249.19	
	$3,506.95	$3,506.95

Janitors' Supplies

Receipts:		
Appropriation		$1,100.00
Transfer of receipts		2.75
Transfer		5.00
Expended:		
Bills paid	$1,106.89	
Balance to Excess and Deficiency	.86	
	$1,107.75	$1,107.75

Maintenance of Buildings and Grounds

Receipts:		
Appropriation		$14,350.00
Transfer		515.00
Pay rolls	$1,705.71	
Bills paid	13,073.62	
Transfer	85.00	
Balance to Excess and Deficiency	.67	
	$14,865.00	$14,865.00

Furniture and Furnishings

Receipts:		
Appropriation		$800.00
Transfers		1,443.00
Expended:		
Bills paid	$2,242.83	
Balance to Excess and Deficiency	.17	
	$2,243.00	$2,243.00

Athletics—Grades

Receipts:		
Appropriation		$700.00
Transfer		85.00
Expended:		
Bills paid	$781.23	
Transfer	3.77	
	$785.00	$785.00

Tuition

Receipts:		
Balance from 1927		$176.29
Appropriation		2,800.00
Transfer Order No. 18366-A		625.00
Transfer Order No. 18507-A		214.03
Transfer Order No. 18902		820.00
Transfers		235.98
Expended:		
Bills paid	$4,840.49	
Balance to Excess and Deficiency	30.81	
	$4,871.30	$4,871.30

Water Rates

Receipts:		
Appropriation		$700.00
Transfer		164.00
Expended:		
Paid City of Melrose	$863.30	
Balance to Excess and Deficiency	.70	
	$864.00	$864.00

Washington School Playground

Receipts:		
Balance from 1927		$511.85
Appropriation		500.00
Expended:		
Bills paid	$997.09	
Balance to Excess and Deficiency	14.76	
	$1,011.85	$1,011.85

High School Athletics—Physical Training

Receipts:		
Appropriation		$2,500.00
Expended:		
Bills paid	$2,500.00	
	$2,500.00	$2,500.00

Franklin School Grounds

Receipts:		
Balance from 1927		$55.73
Balance to Excess and Deficiency	$55.73	
	$55.73	$55.73

Rent of Memorial Hall for High School Assemblies

Receipts:		
Appropriation		$625.00
Expended:		
Bills paid	$105.00	
Transfer	515.00	
Balance to Excess and Deficiency	5.00	
	$625.00	$625.00

LIBRARIES—Salaries and Wages

Receipts:		
Appropriation		$12,650.00
Expended:		
Pay rolls	$12,635.89	
Balance to Excess and Deficiency	14.11	
	$12,650.00	$12,650.00

Books and Periodicals

Receipts:		
Appropriation		$4,000.00
Transfer Order No. 18850		100.00
Expended:		
Bills paid	$4,098.87	
Balance to Excess and Deficiency	1.13	
	$4,100.00	$4,100.00

Binding

Receipts:		
Appropriation		$800.00
Expended:		
Bills paid	$799.08	
Balance to Excess and Deficiency	.92	
	$800.00	$800.00

Fuel and Light

Receipts:		
Appropriation		$950.00
Expended:		
Bills paid	$888.12	
Transfer Order No. 18850	50.00	
Balance to Excess and Deficiency	11.88	
	$950.00	$950.00

Buildings, Janitors' Supplies, etc.

Receipts:		
Appropriation		$1,200.00
Expended:		
Bills paid	$1,094.28	
Transfer Order No. 18850	100.00	
Balance to Excess and Deficiency	5.72	
	$1,200.00	$1,200.00

Other Expenses

Receipts:		
Appropriation		$550.00
Transfer Order No. 18850		50.00
Expended:		
Bills paid	$597.56	
Balance to Excess and Deficiency	2.44	
	$600.00	$600.00

RECREATION

Pine Banks Park

Receipts:		
Appropriation		$2,700.00
Expended:		
Overdraft from 1927	$135.08	
Pay rolls	1,570.80	
Board of Horse	125.00	
Food for animals	115.22	
Electric light	8.67	
General repairs	14.30	
Telephone	11.50	
Insurance on log cabin and tool house	6.32	
Tools and supplies	123.17	
Horseshoeing	13.50	
Plants, flowers and seeds	75.10	
Lumber	23.20	
Purchase of animals and birds	98.50	
Express and trucking	8.73	
Rental of mower	121.25	
Building animal house	197.65	
Purchase of stove	18.00	
Liability insurance	23.40	
Miscellaneous	10.46	
Balance to Excess and Deficiency	.15	
	$2,700.00	$2,700.00

PARK DEPARTMENT

(For details see report of Park Commission)

General Administration—Salaries and Wages

Receipts:		
Appropriation		$930.00
Expended:		
Salary of Superintendent	$930.00	
	$930.00	$930.00

Other Expenses

Receipts:		
Appropriation		$400.00
Expended:		
Bills paid and transfer bills	$399.40	
Balance to Excess and Deficiency	.60	
	$400.00	$400.00

Automotive Equipment and Maintenance

Receipts:		
Appropriation		$350.00
Cash receipts		36.75
Transfer Order No. 18826		20.73
Expended:		
Bills paid and transfer bills	$405.85	
Balance to Excess and Deficiency	1.63	
	$407.48	$407.48

Parks and Gardens—Salaries and Wages

Receipts:		
Appropriation		$2,700.00
Expended:		
Pay rolls and transfer bills	$2,700.00	
	$2,700.00	$2,700.00

Other Expenses

Receipts:		
Appropriation		1,250.00
Cash receipts		25.00
Transfer Order No. 18773		150.00
Expended:		
Bills paid	$1,424.64	
Balance to Excess and Deficiency	.36	
	$1,425.00	$1,425.00

Pleasant Street Park Development

Receipts:		
Appropriation		$1,500.00
Expended:		
Pay rolls and transfer bills	$1,500.00	
	$1,500.00	$1,500.00

Survey of Mount Hood Property

Receipts:		
Appropriation		$250.00
Expended:		
Bills paid	$170.50	
Transfer Order No. 18826	79.50	
	$250.00	$250.00

Ell Pond Park Lighting

Receipts:		
Appropriation		$180.00
Expended:		
Bills paid	$180.00	
	$180.00	$180.00

Winter Sports

Receipts:		
Balance from 1927		$21.05
Appropriation		1,000.00
Transfer Order No. 18826		79.50
Transfer Order No. 18849		100.00
Expended:		
Pay rolls	$654.61	
Bills paid	544.71	
Balance to Excess and Deficiency	1.23	
	$1,200.00	$1,200.00

Repairs to Main Street Wall—Ell Pond

Receipts:		
Appropriation		$1,500.00
Expended:		
Pay rolls	$383.20	
Bills paid	1,113.32	
Transfer Order No. 18826	3.48	
	$1,500.00	$1,500.00

Playgrounds—Salaries and Wages

Receipts:		
Appropriation		$3,500.00
Expended:		
Pay rolls	$3,400.00	
Transfer Order No. 18849	100.00	
	$3,500.00	$3,500.00

Other Expenses

Receipts:		
Appropriation		$3,200.00
Expended:		
Bills paid and transfer bills	$2,949.67	
Transfer Order No. 18753	100.00	
Transfer Order No. 18773	150.00	
Balance to Excess and Deficiency	.33	
	$3,200.00	$3,200.00

Fence Part of Lincoln Playground

Receipts:		
Appropriation		$563.00
Expended:		
Bills paid	$563.00	
	$563.00	$563.00

Playground Conference—Atlantic City

Receipts:		
Transfer Order No. 18753		$100.00
Expended:		
Bills paid	$92.29	
Transfer Order No. 18826	7.71	
	$100.00	$100.00

Bathhouse—Salaries and Wages

Receipts:		
Appropriation		$1,750.00
Expended:		
Pay rolls	$1,750.00	
	$1,750.00	$1,750.00

Other Expenses

Receipts:		
Appropriation		$1,000.00
Expended:		
Bills paid	$990.46	
Transfer Order No. 18826	9.54	
	$1,000.00	$1,000.00

Police Officer—Ell Pond

Receipts:		
Appropriation		$400.00
Expended:		
Salary of officer	$400.00	
	$400.00	$400.00

CELEBRATIONS AND ENTERTAINMENTS

Observance of 4th of July and 75th Anniversary, 1925

Receipts:		
Balance from 1927		$35.05
Balance to 1929	$35.05	
	$35.05	$35.05

Observance of 4th of July (Music and Fireworks), 1926

Receipts:		
Balance from 1927		$31.80
Balance to 1929	$31.80	
	$31.80	$31.80

Observance of 4th of July 1928

Receipts:		
Appropriation		$600.00
Expended:		
Bills paid	$595.03	
Balance to Excess and Deficiency	4.97	
	$600.00	$600.00

Armistice Day—November 12, 1928

Receipts:		
Transfer Order No. 18874		$150.00
Expended:		
Bills paid (Fireworks)	$150.00	
	$150.00	$150.00

All Others

Receipts:		
Appropriation		$100.00
Expended:		
Ringing bells	$28.00	
Christmas trees and wreaths	21.75	
Electrical decorations on trees	40.00	
Balance to Excess and Deficiency	10.25	
	$100.00	$100.00

PENSIONS

Receipts:		
Appropriation—Treasury Department		$1,200.00
Public Works Department		11,858.00
Transfer Order No. 18846		241.00
Police Department		1,962.50
Fire Department		1,075.00
School Department		500.00
Library Department		600.00
Expended:		
Treasury Department	$1,200.00	
Public Works Department	12,078.40	
Police Department	1,962.50	
Fire Department	1,075.00	
School Department	500.00	
Library Department	600.00	
Balance to Excess and Deficiency	20.60	
	$17,436.50	$17,436.50

UNCLASSIFIED—Claims

Receipts:	
Balance from 1927	$152.94
Transfer Order No. 18319	15.00
Transfer Order No. 18511	28.00
Transfer Order No. 17298	400.00
Transfer Order No. 18155	25.00

Expended:		
Claims paid	$468.00	
Balance to 1929	152.94	
	$620.94	$620.94

Memorial Day

Receipts:		
Appropriation, G. A. R.		$600.00
Appropriation, Melrose Post No. 90, American Legion		400.00
Appropriation, Fire Department		50.00
Expended:		
G. A. R.	$457.22	
Transfer Order No. 18774	142.00	
Melrose Post No. 90 American Legion	399.86	
Fire Department	37.00	
Transfer Order No. 18774	8.00	
Balance to Excess and Deficiency	5.92	
	$1,050.00	$1,050.00

Printing City Reports

Receipts:		
Appropriation		$650.00
Expended:		
Advertising and postage	$6.30	
Printing Reports	591.68	
Balance to Excess and Deficiency	52.02	
	$650.00	$650.00

Fire and Boiler Insurance

Receipts:		
Appropriation		$7,500.00
Cash receipts (refunds)		128.50
Transfer Order No. 18776		300.00
Expended:		
Bills paid	$7,825.73	
Balance to Excess and Deficiency	102.77	
	$7,928.50	$7,928.50

Portraits

Receipts:		
Balance from 1927		$347.00
Transfer Order No. 18709		150.00
Balance to 1929	$497.00	
	$497.00	$497.00

To Indemnify Commonwealth in Reconstruction of Newburyport Turnpike

Receipts:		
Appropriation		$51.00
Expended:		
Balance to 1929	$51.00	
	$51.00	$51.00

American Legion Headquarters

Receipts:		
Appropriation		$900.00
Expended:		
Paid for rent of quarters	$900.00	
	$900.00	$900.00

Purchase of Land—Tremont and Melrose Streets, for New Fire Station

Receipts:		
Balance from 1927		$5,000.00
Expended:		
Paid Boston & Maine R. R. for land	$5,000.00	
	$5,000.00	$5,000.00

New Building Construction

Receipts:		
Balance from 1927		$3,726.99
Appropriation		8,194.25
Cash receipts		31.92
Transfer Order No. 18929-A		20.63
Expended:		
Pay rolls	$13.10	
Bills paid and transfer bills	18.82	
Transfer Order No. 18801	8,194.25	
Balance to 1929	3,747.62	
	$11,973.79	$11,973.79

Rifle Practice—182nd Inf. M. N. G. Headquarters Co., 3rd Battalion

Receipts:		
Appropriation		$600.00
Expended:		
Paid for use of Wakefield Rifle Range	$587.79	
Balance to 1929	12.21	
	$600.00	$600.00

Public Safety—State Boxing Commission

Receipts:		
Cash from Commonwealth of Mass.		$77.99
Expended:		
Transfer to Estimated Receipts	$77.99	
	$77.99	$77.99

Joint Investigation of Gas and Electric Rates, Malden, Everett, Medford and Melrose

Receipts:		
Balance from 1927		$472.08
Expended:		
Stenographic services	$88.64	
Legal services	300.00	
Balance to Excess and Deficiency	83.44	
	$472.08	$472.08

Memorial Hall—Organ Concerts

Receipts:		
Appropriation		$250.00
Expended:		
Services of Organist	$100.00	
Advertising and printing	52.25	
Balance to Excess and Deficiency	97.75	
	$250.00	$250.00

Traffic Signals

Receipts:		
Balance from 1927		$2,400.00
Expended:		
Transfer Order No. 17808-A	$500.00	
Transfer Order No. 18784	200.00	
Balance to 1929	1,700.00	
	$2,400.00	$2,400.00

Order No. 18727—Enabling City to Issue Bonds for Addition to Lincoln and Ripley Schools

Receipts:		
Appropriation		$15,000.00
Balance to 1929	$15,000.00	
	$15,000.00	$15,000.00

Order No. 18566-A—Acquiring Land for Schoolhouse Purposes

Receipts:		
Appropriation		$8,000.00
Balance to 1929	$8,000.00	
	$8,000.00	$8,000.00

Sale of Stone Crusher

Receipts:		
Balance from 1927		$200.00
Balance to 1929	$200.00	
	$200.00	$200.00

Melrose Athletic Field—Rent

Receipts:		
Cash from Melrose Athletic Field Assn.		$1.00
Transfer to Estimated Receipts	$1.00	
	$1.00	$1.00

Joint Committee on School Survey

Receipts:		
Appropriation		$1,500.00
Expended:		
Professional services	$1,500.00	
	$1,500.00	$1,500.00

Purchase and Taking by Park Department of Clark and Jenkins Property, Main Street

Receipts:		
Appropriation		$9,000.00
Expended:		
Paid for property	$8,900.00	
Paid for taxes due	100.00	
	$9,000.00	$9,000.00

Revising City Ordinances

Receipts:		
Transfer Order No. 18800		$300.00
Balance to 1929	$300.00	
	$300.00	$300.00

Clear and Improve Ellis Property—Winthrop Street

Receipts:		
Appropriation		$750.00
Expended:		
Pay rolls	$297.47	
Transfer bills	103.05	
Balance to 1929	349.48	
	$750.00	$750.00

Purchase and Taking of Land of Garey, Rear of Auditorium Building

Receipts:		
Appropriation		$500.00
Expended:		
Cost of land	$500.00	
	$500.00	$500.00

Purchase of Auto for Use of Building Inspector and Plumbing Inspector

Receipts:		
Appropriation		$610.00
Expended:		
Registering car	$10.00	
Cost of Whippet Coach	599.00	
Balance to Excess and Deficiency	1.00	
	$610.00	$610.00

Purchase of 5-Ton Tandem Road Roller

Receipts:		
Transfer Order No. 18844		$3,400.00
Balance to 1929	$3,400.00	
	$3,400.00	$3,400.00

Sale of Old Winthrop School

Receipts:		
Balance from 1927		$50.00
Balance to 1929	$50.00	
	$50.00	$50.00

Fire Loss—City Hall (Health Dept.)

Receipts:		
Cash receipts		$1,608.42
Expended:		
Lathe and plaster work	$161.70	
Office supplies	5.00	
Plumbing and heating	56.61	
Carpenter work	484.00	
Balance to 1929	901.11	
	$1,608.42	$1,608.42

WATER DIVISION—Maintenance

Receipts:		
Appropriation		$20,000.00
Cash receipts		121.52
Expended:		
Pay rolls	$16,462.41	
Bills paid and transfer bills	1,087.22	
Transfer Order No. 18846	2,000.00	
Balance to Water Income	571.89	
	$20,121.52	$20,121.52

New Meters

Receipts:		
Appropriation		$1,000.00
Expended:		
Freight and express	$7.53	
Meters	992.47	
	$1,000.00	$1,000.00

Inside Services

Receipts:		
Estimates received		$11,969.45
Overdraft to 1929		1,906.08

Expended:		
Overdraft from 1927	$769.01	
Pay rolls	4,055.32	
Bills paid and transfer bills	6,122.48	
Estimates refunded	2,928.72	
	$13,875.53	$13,875.53

CEMETERY DEPARTMENT—Maintenance

Receipts:		
Appropriation		$16,900.00
Cash receipts		297.50
Expended:		
Overdraft from 1927	$22.78	
Salary of men	11,578.58	
Salary of Superintendent	2,625.00	
Team hire	273.75	
Hardware, tools and supplies	524.94	
Postage, stationery and printing	101.55	
Repairs to equipment and tools	184.60	
Freight and express	18.65	
Lumber	6.47	
Electric light	17.05	
Telephone	105.21	
Shrubs, flowers and plants	115.00	
Water rates	44.52	
Fuel	46.66	
Liability insurance	83.32	
Cost of dump truck	765.00	
Parts and repairs on truck	56.08	
Clerical services	70.80	
Registration of truck	2.00	
Oil, gas and alcohol	155.86	
Bond of Superintendent	5.00	
Painting	18.60	
Salary of Cemetery Committee	75.00	
Balance to Excess and Deficiency	301.14	
	$17,197.50	$17,197.50

Improvement and Development

Receipts:		
Appropriation		$5,100.00

Expended:		
Pay rolls	$2,177.76	
Stationery, printing and advertising	10.00	
Lumber	2.28	
Surveying	145.37	
Hardware, tools and supplies	46.97	
Filling and loam	621.00	
Trucking gravel	100.00	
Drilling and excavating	1,237.50	
Grading	277.00	
Road oil	180.00	
Use of truck	297.50	
Dynamite and exploders	3.30	
Balance to Excess and Deficiency	1.32	
	$5,100.00	$5,100.00

Bills Payable—Revenue

Receipts:		
Balance from 1927		$2,307.96
Expended:		
Bills paid	$2,297.96	
Balance to Excess and Deficiency	10.00	
	$2,307.96	$2,307.96

INTEREST

Receipts:		
Balance from 1927		$29,781.57
Appropriation		65,000.00
Received on bank deposits		9,009.78
Received on taxes and assessments		20,689.20
Received on takings		2,405.71
Received on possessions		638.95
Accrued interest on loan		3.88
Expended:		
Budget appropriation	$29,781.57	
For Revenue Loans	21,897.27	
For Municipal Loans	7,644.01	
For School House Loans	20,893.75	
For Sewer Loans	8,653.75	
For Surface Drainage Loans	3,487.50	
For City Hall Addition Loan	2,227.56	
For Auditorium and Memorial Building Loan	1,600.00	
For City Stable Loan	720.00	
For Toothaker Fund	55.61	
Balance to 1929	30,568.13	
	$127,529.09	$127,529.09

AGENCY TRUSTS AND INVESTMENT TRANSACTIONS

Guarantee deposits received		$50.00
Deposits returned	$50.00	
	$50.00	$50.00
Taxes:		
State		$37,315.00
County		39,291.06
County Tuberculosis		3,010.85
Metropolitan Sewer		27,025.33
Metropolitan Park		17,152.10
State Highway		634.97
Charles River Basin		2,961.86
Saugus Water		2.00
Cambridge Artery		1,435.56
Metropolitan Planning		253.16
Fire Prevention		273.27
Southern Route		2,051.95
Brookline Street		786.90
Abatement of Smoke Nuisance		121.29
Expended:		
Paid to State Treasurer	$90,013.39	
Paid to County Treasurer	42,301.91	
	$132,315.30	$132,315.30
Taxes:		
Park District—Cash receipts		$237.06
Boston and Watertown Bridge—Refund from Commonwealth		1.04
Western Avenue Bridge—Refund from Commonwealth		6.10
Expended:		
Paid to City Collector—City of Melrose	$237.06	
Transferred to Excess and Deficiency	7.14	
	$244.20	$244.20

NON-REVENUE

Loans Authorized

Order No. 18496 Continuous Walks		$20,000.00
Order No. 18469 Surface Drainage Construction		15,000.00
Order No. 18470 Sewer Construction		40.000.00
Order No. 18395 Water Construction		35,000.00
Order No. 18396 New Fire Station Construction		35,000.00
Loan Orders Issued	$145,000.00	
	$145,000.00	$145,000.00

CITY HALL BUILDING—Extending and Enlarging

Receipts:		
Balance from 1927		$26.38
Expended:		
Bills paid	$5.75	
Transfer Order No. 18929-A	20.63	
	$26.38	$26.38

CITY STABLES—Construction

Receipts:		
Balance from 1927		$407.51
Balance to 1929	$407.51	
	$407.51	$407.51

PUBLIC WORKS DEPT.—Purchase of Snow Plow and Tractor

Receipts:		
Balance from 1927		$136.45
Balance to 1929	$136.45	
	$136.45	$136.45

PURCHASE OF ELLIS PROPERTY—Winthrop Street

Receipts:		
Balance from 1927		$96.98
Expended:		
Bills paid and transfer bills	$14.52	
Balance to 1929	82.46	
	$96.98	$96.98

CONSTRUCTION OF NEW FIRE STATION—Melrose and Tremont Sts.

Receipts:		
Loan Authorized No. 18396		$35,000.00
Transfer Order No. 18381-A		8,194.25
Expended:		
Architect's fees	$2,265.63	
Digging test holes	15.07	
Advertising	7.25	
Postage	9.60	
Construction work	28,537.90	
Electric work	1,555.50	
Plumbing	2,014.50	
Heating	2,581.76	
Fuel	91.33	
Window shades	55.00	
Registering deed	2.82	
Balance to 1929	6,057.89	
	$43,194.25	$43,194.25

SEWER DIVISION—Private Sewers

Receipts:		
Balance from 1927		$811.74
Estimates received		14,485.83
Expended:		
Pay rolls	$8,099.76	
Bills paid and transfer bills	4,198.95	
Estimates refunded	2,957.81	
Balance to 1929	41.05	
	$15,297.57	$15,297.57

Construction

Receipts:		
Balance from 1927		$6,350.74
Loans Authorized No. 18470		40,000.00
Expended:		
Pay rolls	$25,555.54	
Bills paid and transfer bills	5,987.87	
Balance to 1929	14,807.33	
	$46,350.74	$46,350.74

SEWER ASSESSMENTS ACCOUNT—REVENUE

Receipts:		
Balance from 1927		$14,633.33
Sewer Assessments receipts 1928		10,431.82
Expended:		
Pay rolls	$13,477.90	
Bills paid and transfer bills	5,201.24	
Balance to 1929	6,386.01	
	$25,065.15	$25,065.15

SURFACE DRAINAGE—Construction

Receipts:		
Balance from 1927		$27.61
Loans Authorized No. 18469		15,000.00
Transfer Order No. 18802		8,194.25
Cash receipts		675.70
Expended:		
Pay rolls	$9,384.93	
Bills paid and transfer bills	7,488.34	
Balance to 1929	7,024.29	
	$23,897.56	$23,897.56

HIGHWAYS—Continuous Walks

Receipts:		
Balance from 1927		$13,778.03
Loans Authorized No. 18496		20,000.00
Cash receipts		22.60
Budget transfer		8,194.25
Collections 1928		13,918.08
Expended:		
Pay rolls	$9,170.23	
Bills paid and transfer bills	28,106.74	
Balance to 1929	18,635.99	
	$55,912.96	$55,912.96

Construction

Receipts:		
Balance from 1927		$2,901.46
Budget transfer		34,194.25
Transfer Order No. 18929		82.31
Return balances		14,909.60
Overdraft to 1929		6,241.71
Expended:		
Pay rolls	$944.81	
Bills paid and transfer bills	1,609.52	
Transfer Orders	55,775.00	
	$58,329.33	$58,329.33

Greenwood Street—Proposed Extension

Receipts:		
Balance from 1927		$82.31
Transfer Order No. 18929	$82.31	
	$82.31	$82.31

Thirteenth Street Construction—Sidewalk and Macadam

Receipts:		
Balance from 1927		$7,600.00
Expended:		
Pay rolls	$945.11	
Bills paid and transfer bills	3,909.21	
Balance to 1929	2,745.68	
	$7,600.00	$7,600 00

Wentworth Road Construction

Receipts:		
Balance from 1927		$10,014.14
Expended:		
Pay rolls	$862.56	
Bills paid and transfer bills	9,151.58	
	$10,014.14	$10,014.14

Union Street Construction

Receipts:		
Balance from 1927		$5,043.85
Expended:		
Pay rolls	$20.84	
Transfer bills	621.35	
Balance to Highway Construction	4,401.66	
	$5,043.85	$5,043.85

Maple Road Construction

Receipts:		
Transfer Order No. 17583-A		$8,997.00
Expended:		
Pay rolls	$2,275.88	
Bills paid and transfer bills	4,290.05	
Balance to 1929	2,431.07	
	$8,997.00	$8,997.00

Clifford Street Construction

Receipts:		
Transfer Order No. 17826-A		$12,249.00
Expended:		
Pay rolls	$2,768.03	
Bills paid and transfer bills	8,033.63	
Balance to 1929	1,447.34	
	$12,249.00	$12,249.00

Highview Avenue Construction

Receipts:		
Transfer Order No. 18023-A		$5,381.00
Overdraft to 1929		75.72
Expended:		
Pay rolls	$2,140.66	
Bills paid and transfer bills	3,316.06	
	$5,456.72	$5,456.72

Prescott, Temple and Beacon Streets Construction

Receipts:		
Transfer Order No. 18224-A		$20,102.00
Expended:		
Pay rolls	$2,772.99	
Bills paid and transfer bills	1,868.04	
Balance to 1929	15,460.97	
	$20,102.00	$20,102.00

Melbourne Avenue Construction

Receipts:		
Transfer Order No. 18244-A		$3,377.00
Expended:		
Pay rolls	$924.57	
Bills paid and transfer bills	1,776.24	
Balance to 1929	676.19	
	$3,377.00	$3,377.00

Dyer Avenue Construction

Receipts:		
Transfer Order No. 18381-A		$3,605.00
Expended:		
Bills paid	$4.82	
Balance to 1929	3,600.18	
	$3,605.00	$3,605.00

Pine Street Construction

Receipts:		
Transfer Order No. 18696-A		$2,064.00
Balance to 1929	$2,064.00	
	$2,064.00	$2,064.00

SCHOOL HOUSE CONSTRUCTION AND GRADING

Receipts:		
Balance from 1927		$49.09
Balance to 1929	$49.09	
	$49.09	$49.09

New Winthrop School Construction

Receipts:		
Balance from 1927		$3,842.65
Expended:		
Corner blocks	$19.60	
Electric work	51.51	
Hardware and tools	9.60	
Grading	976.89	
Road oil	437.50	
Balance to 1929	2,347.55	
	$3,842.65	$3,842.65

WATER DIVISION—Construction

Receipts:		
Balance from 1927		$397.33
Loans Authorized No. 18395		35,000.00
Transfer Order No. 18846		3,200.00
Expended:		
Pay rolls	$18,128.45	
Bills paid and transfer bills	20,217.78	
Balance to 1929	$251.10	
	$38,597.33	$38,597.33

BILLS PAYABLE—Non-Revenue

Receipts:		
Balance from 1927		$1,730.85
Expended:		
Bills paid	$1,730.85	
	$1,730.85	$1,730.85

Pay Roll Tailings

Receipts:		
Balance from 1927		$343.33
Cash receipts		10.99
Balance to 1929	$354.32	
	$354.32	$354.32

Levi S. Gould School Medal Fund

Receipts:		
Balance from 1927		$229.77
Interest 1928		42.50
Expended:		
Bills paid	$28.00	
Balance to 1929	244.27	
	$272.27	$272.27

Norman F. Hesseltine Fund

Receipts:		
Balance from 1927		$5.72
Interest 1928		4.25
Expended:		
Bills paid	$5.00	
Balance to 1929	4.97	
	$9.97	$9.97

PREMIUM FUNDS

Sewer Loan

Balance from 1927		$50.85
Cash received		164.17
Payments:		
Transfer to Budget 1928	$50.85	
Balance to 1929	164.17	
	$215.02	$215.02

Surface Drainage Loan

Balance from 1927		$50.85
Cash received 1928		61.47
Payments:		
Transfer to Budget 1928	$50.85	
Balance to 1929	61.47	
	$112.32	$112.32

Water Loan

Balance from 1927		$67.80
Cash received 1928		143.73

Payments:		
Transfer to Budget 1928	$67.80	
Balance to 1929	143.73	
	$211.53	$211.53

Temporary Loan

Balance from 1927		$11.10
Cash received		7.00
Balance to 1929	$18.10	
	$18.10	$18.10

Municipal Loan

Balance from 1927		$511.20
Cash received 1928		81.63
Payments:		
Transfer to Budget 1928	$511.20	
Balance to 1929	81.63	
	$592.83	$592.83

SINKING FUNDS

Sewer Loan Sinking Fund

Balance from 1927		$33,884.24
Net earnings 1928		1,470.79
Balance to 1929	$35,355.03	
	$35,355.03	$35,355.03

School Loan Sinking Fund

Balance from 1927		$90,633.72
Net earnings 1928		3,976.57
Balance to 1929	$94,610.29	
	$94,610.29	$94,610.29

Cemetery (Perpetual Care) Fund

Balance from 1927		$112,790.76
Received for care of lots and single graves		7,280.42
Balance to 1929	$120,071.18	
	$120,071.18	$120,071.18

SCHEDULE OF CITY PROPERTY

Fire Department:		
Buildings and land	$72,765.00	
Equipment and personal property	59,593.00	
Fire alarm system	21,802.00	$154,160.00
Police Department:		
Equipment and personal property	$17,273.00	
Police signal system	8,700.00	$25,973.00
Health Department:		
Personal property	$325.00	325.00
Public Libraries:		
Buildings and land	$40,600.00	
Books and fixtures	59,200.00	99,800.00
Park Department:		
Buildings and land	$135,500.00	
Equipment	14,800.00	150,300.00
School Department:		
Buildings and land	$1,186,429.00	
Furnishings	89,000.00	
Playgrounds	2,500.00	1,277,929.00
Sealer of Weights and Measures:		
Equipment and fixtures	$1,497.00	1,497.00
Cemetery Department:		
Buildings and land	$36,100.00	
Equipment and fixtures	1,559.00	
Water system	900.00	38,559.00
Auditorium and Memorial Building:		
Building and land	$117,000.00	
Furniture and fixtures	75,000.00	192,000.00
Board of Appeal:		
Equipment and personal property	$100.00	100.00

Public Works Department:		
City Hall, building and land	$175,702.75	
City Hall, furniture and fixtures	17,255.13	192,957.88
Highway Division:		
Buildings and land	$49,673.57	
Equipment	48,170.63	97,844.20
Sewerage System:		
Cost of construction to Dec. 31, 1927	$726,502.53	
Addition to construction to Dec. 31, 1928	50,222.55	776,725.08
Surface Drainage System:		
Cost of construction to Dec. 31, 1927	$363,025.09	
Addition to construction to Dec. 31, 1928	16,873.27	379,898.36
Water System:		
Cost of construction to Dec. 31, 1927	$705,819.24	
Addition to construction to Dec. 31, 1928	38,346.23	744,165.47

Report of City Clerk's Department

To His Honor, the Mayor,
and the Honorable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

I submit herewith the annual report of the City Clerk's Department of the expenditures and receipts for the year ending December 31, 1928.

RECEIPTS OF THE CITY CLERK'S OFFICE BY MONTHS

January	$110.95
February	100.74
March	317.30
April	319.50
May	273.45
June	118.50
July	147.75
August	147.75
September	105.75
October	134.25
November	107.27
December	75.50
	$1,958.71

DIVISION OF RECEIPTS

Gasoline Renewals	$18.50
Garage Licenses	548.00
Licenses	542.00
Marriages	192.00
Miscellaneous	313.05
Mortgages	345.16
	$1,958.71

Dog licenses collected Dec. 1, 1927 to Dec. 31, 1928		
Total collected. 1328 dogs		$3,124.00
Paid County Treasurer June 1, 1928	$2,400.00	
Paid County Treasurer Dec. 1, 1928	448.80	
Fees on 1328 dogs at 20c	265.60	
Deposited in Melrose Trust Co.	9.00	$3,124.00

FISH AND GAME DIVISION OF ACCOUNT

Total Amount Collected		$481.00
Paid Fish and Game Division, State House	$417.50	
Fees of 254 Licenses	63.50	$481.00

RECAPITULATION

City Clerk's Receipts	$1,958.71	
Dog Collection on 1328 dogs	3,124.00	
Fish and Game Account, 254 Licenses	481.00	$5,563.71

Respectfully submitted,

VICTOR C. KIRMES, *City Clerk*

Report of City Treasurer

To the Honorable,
The Mayor and Board of Aldermen.

Gentlemen.

I beg to hand you herewith my report of the operations of theTreasury Department for the year 1928.

Yours respectfully,

S. HOMER BUTTRICK,
City Treasurer

CASH STATEMENT FOR 1928

Cash in Bank and Office January 1, 1928	$193,283.61
Receipts January 1, 1928 to January 1, 1929	2,499,690.99
	$2,692,974.60
*Payments January 1, 1928 to January 1, 1929	$2,568,647.03
Balance, Cash on Bank and Office Jan. 1, 1929	$124,327.57

S. HOMER BUTTRICK,
City Treasurer

*For details see Report of City Auditor.

CASH RECEIPTS FOR 1928

Showing the different sources of the City Revenue and the amount received from each.

Auditorium Building Receipts	$3,605.09
Automotive Equipment	201.33
Betterments:	
Chipman Avenue	1,662.35
Warwick Road	474.03
E. Emerson Street	7.17
Lynde Avenue	15.62
Union Street	1,148.87
Stevens Road	17.08
Hopkins Street	65.85
Argyle Street	7.33
Natalie Avenue	64.42
Folsom Avenue	76.60
Lincoln Street	87.24
Garden Street	8.48
Geneva Road	28.74
Sears Avenue	422.29
Orient Place	20.88
Orient Park	34.66
Waverly Place	174.19
Sanford Street	102.87
Rogers Street	183.29
Heyward Avenue	65.57
E. Foster Street	169.16
Twelfth Street	481.04
Mendum Street	173.29
Enmore Road	282.03
Rockland Street	1,045.95
Cemetery:	
Receipts	13,380.94
Maintenance	297.50
Interest received on Trust Fund	4,728.11
Charity:	
Relief from other Cities and Towns	16.60
Receipts	2,099.89
City Hall Receipts	165.00
City Clerk, Receipts	665.66
City Possessions	1,396.87
Collector, Receipts	673.45
Commonwealth of Massachusetts:	
Receipts	1,855.87
Bank and Corporation Tax	21,533.27
Street Railway Tax	1,229.26
Income Tax	105,522.50

Election and Registration	$10.00
Engineering, Salaries and Wages	130.37
Fines and Forfeits (Court fines)	797.50
Fire Department:	
Receipts	14.00
Fuel and Lights	12.00
Equipment and Repairs	35.00
Fire Alarm Maintenance	145.00
Forestry:	
Care of Trees	49.79
Planting Trees	68.00
Funds:	
Cemetery Trust Fund	7,280.42
E. Toothaker Fund	57.61
Ambulance Fund	215.00
Levi S. Gould School Medal Fund	42.50
A. C. Marie Currier Fund	1,129.60
Community Civics Fund	2.13
Norman F. Hesseltine Fund	4.25
Grants and Gifts	$2,598.22
Guaranty Deposit	50.00
Health:	
Receipts	337.43
Quarantine and Contagious Disease	96.50
Collection of Garbage	3,284.05
Other Expenses	5.00
Highways:	
Street Lighting	180.00
Construction	31.92
Repairing	4,866.68
Sidewalks, Continuous	22.60
" Individual	6,866.80
Present Walks, Repairing	62.50
Inspector of Buildings, Receipts	1,553.50
Interest, Receipts	32,747.52
Insurance:	
Unclassified	128.50
City Hall, Fire Loss	1,608.42
Licenses, All Others	1,607.50
Loans:	
Temporary	700,000.00
" Renewals	250,000.00
Parks:	
Receipts	367.45
Other Expenses	25.00
Pay Roll Tailings, Unclaimed Accounts	10.99
Permits:	
Marriage	191.00
All Other	52.00

Police:	
Receipts	$2.02
Other Expenses	3.87
Premiums:	
Water Loan Bonds	143.73
Sewer Loan Bonds	164.17
Surface Drainage Bonds	61.47
Permanent Loan	81.63
Temporary Loans	7.00
Special Assessments:	
Street Sprinkling	277.93
Moth Extermination	37.16
Sewer	10,431.82
Sidewalks and Curbings	13,918.08
Sanitation:	
Sewer, Private, Receipts	14,485.83
Surface Drainage Construction	675.70
Killing Dogs	37.00
Sale of Bonds:	
Surface Drainage	15,000.00
Sewer	40,000.00
Fire Station (New)	35,000.00
Water	35,000.00
Soldiers' Benefit, Soldiers' Relief	151.71
Taxes:	
1921	5.18
1923	4.00
1925	2,782.62
1926	35,493.09
1927	276,062.71
1928	730,719.71
Tax Takings	5,154.08
Unclassified	51.00
Water, Income	65,813.44
Water Maintenance	121.52
Water, Inside Service	11,969.45
Schools, Teachers' Salaries, Receipts	18.25
Text Books and Supplies	25.96
Receipts	4,965.87
Sealer of Weights and Measures	147.90
Permanent Loan	20,000.00
	$2,499,690.99

BONDS AND NOTES OF THE CITY OF MELROSE OUTSTANDING DECEMBER 31, 1928

and amounts maturing each year until paid.

YEAR	Permanent Loans	Surface Drainage	School House	Sewer	Water	Memorial Building	City Hall Addition	City Stables	Fire Station	Totals
1929	$45,500	$14,000	$110,000	$18,500	$39,000	$5,000	$3,000	$2,000	$3,000	$240,000
1930	38,000	12,500	32,000	17,500	31,000	5,000	3,000	2,000	3,000	144,000
1931	25,000	10,500	32,000	17,500	25,000	5,000	3,000	2,000	3,000	123,000
1932	19,000	7,000	32,000	16,500	16,000	2,000	3,000	2,000	3,000	100,500
1933	11,000	5,000	30,000	14,500	7,000	2,000	3,000	2,000	3,000	77,500
1934	7,000	5,000	29,500	13,000		2,000	3,000	2,000	3,000	64,500
1935	7,000	4,500	28,500	11,500		2,000	3,000	2,000	3,000	61,500
1936	4,000	3,000	28,500	10,000		2,000	3,000	2,000	3,000	55,500
1937	4,000	3,000	28,500	10,000		2,000	3,000	2,000	3,000	55,500
1938		3,000	28,500	20,000		2,000	3,000	2,000	3,000	61,500
1939		3,000	28,500	20,000		2,000	3,000	2,000	3,000	61,500
1940		3,000	28,500	18,000		2,000	3,000	2,000	2,000	58,500
1941		3,000	28,500	17,000		2,000	3,000	2,000		55,500
1942		2,000	16,500	16,000		2,000	3,000			39,500
1943		1,000	6,500	4,000			2,000			13,500
1944			3,000	4,000						7,000
1945				2,000						2,000
1946				2,000						2,000
1947				2,000						2,000
1948				2,000						2,000
	$160,000	$79,500	$491,000	$236,000	$118,000	$37,000	$44,000	$26,000	$35,000	$1,227,000
Paid from Sinking Funds			78,000	50,000						$128,000
Paid from Taxes	160,500	79,500	413,000	186,000	118,000	37,000	44,000	26,000	35,000	$1,099,000

CEMETERY TRUST FUND

LIST OF SECURITIES IN FUND DECEMBER 31 1928

Security	No	Due	Amount	Totals
City of Melrose Surface Drainage Bonds	279	Aug. 1929	$1,000.00	
" " " "	280	Aug. 1930	1,000.00	$2,000.00
City of Melrose, Sewer Bonds	653	May 1929	1,000.00	
" " "	654	May 1930	1,000.00	
" " "	655	May 1931	1,000.00	
" " "	656	May 1932	1,000.00	
" " "	657	May 1933	1,000.00	
" " "	658	May 1934	1,000.00	
" " "	659	May 1935	1,000.00	7,000.00
City of Melrose, Water Bonds and Notes	820	Sept. 1929	1,000.00	
" " " " "	821	Sept. 1929	1,000.00	
" " " " "	822	Sept. 1930	1,000.00	
" " " " "	823	Sept. 1930	1,000.00	
" " " " "	824	Sept. 1931	1,000.00	
" " " " "	825	Sept. 1931	1,000.00	
" " " " "	826	Sept. 1932	1,000.00	
" " " " "	827	Sept. 1932	1,000.00	
" " " " "	R19	Sept. 1929	1,000.00	
" " " " "	R20	Sept. 1929	1,000.00	
" " " " "	R21	Sept. 1930	1,000.00	
" " " " "	R22	Sept. 1930	1,000.00	
" " " " "	R23	Sept. 1931	1,000.00	
" " " " "	R24	Sept. 1931	1,000.00	14,000.00
Memorial Building Bonds	38	Aug. 1929	1,000.00	
" " "	39	Aug. 1930	1,000.00	
" " "	40	Aug. 1931	1,000.00	3,000.00
City of Melrose, Highway Bonds	296	June 1929	1,000.00	
" " "	297	June 1929	1,000.00	
" " "	298	June 1929	1,000.00	
" " "	299	June 1930	1,000.00	
" " "	300	June 1930	1,000.00	
" " "	301	June 1930	1,000.00	
" " "	302	June 1931	1,000.00	
" " "	303	June 1931	1,000.00	
" " "	304	June 1931	1,000.00	
City of Melrose, Highway Bonds	305	June 1932	1,000.00	
" " "	306	June 1932	1,000.00	
" " "	307	June 1932	1,000.00	
" " "	308	June 1933	1,000.00	
" " "	309	June 1933	1,000.00	14,000.00
City of Melrose, School Bonds	885	July 1929	1,000.00	
" " "	886	July 1929	1,000.00	
" " "	887	July 1930	1,000.00	
" " "	888	July 1930	1,000.00	
" " "	889	July 1931	1,000.00	
" " "	890	July 1931	1,000.00	
" " "	891	July 1932	1,000.00	
" " "	892	July 1932	1,000.00	8,000.00

Security	No.	Due	Amount	Totals
City of Melrose, Municipal Notes	15	Nov. 1929	$2,000.00	
" " "	147	Mar. 1929	1,0;0000	
" " "	240	Jan. 1929	500.00	
" " "	247	June 1929	1,500.00	
" " "	248	June 1930	1,500.00	
" " "	258	June 1929	1,000.00	
" " "	259	June 1929	1,000.00	
" " "	321	Dec. 1929	1,000.00	
" " "	322	Dec. 1929	1,000.00	
" " "	325	Dec. 1929	1,000.00	
" " "	326	Dec. 1930	1,000.00	
" " "	3327	Dec. 1931	1,000.00	
" " "	404	Aug. 1929	1,000.00	
" " "	405	Aug. 1930	1,000.00	
" " "	406	Aug. 1931	1,000.00	$16,500.00
U. S. Government Liberty Bonds				2,000.00
U. S. Government Temporary Notes				4,000.00
State of Illinois Bonds				10,000.00
Liberty Trust Company, Savings Department				5,000.00
Charlestown Five Cents Savings Bank				4,000.00
Melrose Savings Bank				10,000.00
Melrose Co-operative Bank, Certificate of Deposit				2,000.00
Old Colony Corporation, Certificate of Deposit				15,000.00
Melrose Trust Company				3,571.18
			Total	$120,071.18

Amount in Fund December 31, 1927	$112,790.76
Amount added to Fund during 1928	7,280.42
Amount in Fund December 31, 1928	$120,071.18

Report of Memorial Building Trustees

To the Honorable Mayor and Board of Aldermen,
Melrpse, Mass.

Gentlemen:

The Trustees of the Memorial Building herewith submit their report for the year 1928.

The appropriation and expenditures were as follows:

	Appropriation	Expended	Balance
Salaries and Wages	$3,500.00	$3,090.94	$409.06
Other Expenses	3,511.53	3,380.27*	131.26
Organ Concerts	250.00	152.25	97.75
Repairs after Construction	2,837.19	1,000.00	1,837.19

*Included in this amount is $500.00 which was transferred to the account of Repairs after Construction.

The rentals of the building amounted to $3,769.54.

The building is in good condition with the exception of the northwest corner which has continued to settle slowly. Repairs on this corner are nowunder way, and we hope that when they are completed further settlement will be stopped.

Early in the year the Trustees suffered a great loss in the death of the chairman, Mr. Thomas J. Edwards. Mr. Edwards gave much of his time and energy to the tedious task of supervising the reconstruction and extension of the building. Very few people realize the intense anxiety that the responsibility for this work brought upon the chairman.

Mr. Alfred H. Colby was appointed to fill the unexpired term of Mr. Edwards.

The organization of the Trustees is as follows:

Chairman	Fred E. Ellis
Vice-Chairman	Alfred H. Colby
Secretary	Louis K. McNally
	Leslie B. Ellis
	Leon H. Palmer

Respectfully submitted,

TRUSTEES OF THE MEMORIAL BUILDING
Fred E. Ellis, *Chairman*

Report of Public Library Trustees

Trustees

REV. PAUL STERLING
MRS. MARY C. BARTON
MR. FRANK W. CAMPBELL
MR. NEIL A. DIVVER
MRS. MARY D. DIKE
MR. RALPH G. HARMON

Chairman
REV. PAUL STERLING

Secretary
MRS. MARY C. BARTON

Treasurer
MR. FRANK W. CAMPBELL

Librarian
ELSIE M. HATCH

Assistants

MARJORIE E. JACOT
HATTIE D. HALL
MURIEL A. DAVIS
MARY E. AYERS

Pages

MARJORIE KNAPP
LOIS TABER

In Charge of Highlands Branch
MARY E. AYERS

In Charge of Wyoming Branch
MRS. LOUISE G. CRITCHETT

In Charge of East Side Branch
MRS. MARTHA LEWIS

In Charge of Ward 7 Branch
ELIZABETH BATES

Janitor
WILLIAM G. REED

To His Honor, the Mayor and the Honorable Board of Aldermen.
Gentlemen:

The Trustees of the Public Library hereby respectfully submit the report of the Librarian, with the statistics of the work during the year 1928

Respectfully,

For the Trustees,

PAUL STERLING, *Chairman*

LIBRARIAN'S REPORT

To the Trustees of the Public Library,
Gentlemen:

The following statement will show in some degree what the routine work of the Library accomplished in the year 1928.

The Library and its Branches issued 171,515 books for home use, as compared with 150,117 in 1927.

It circulated 7.4 books per capita of the total population.

It was open 69 hours each week for 9 months, and 66 hours for 3 months.

It issued 880 new cards, making a total of 13,391 registered borrowers.

Fifty-seven per cent of the population are borrowers at the Library or its Branches.

It added 2,784 books to its collection, making a total of 41,180 volumes now in the Library.

The circulation of books is only a part of the work done by the Public Library, but figures are sometimes the only tangible way to show work accomplished. The increase of 10,500 in the circulation at the Main Library was practically all in the Adult Department. This has been a steady growth and is noteworthy since there have been no special activities during the year other than the consistent effort of the Library to meet all legitimate needs of the public.

The increase of work in the Reference Department has been of a corresponding nature. Any attempt to give the number of questions which have involved the Library's reference resources would necessarily be incomplete. There is no record kept, neither is there any record kept of the number of books brought from the stacks for use in the Reference room, but the number in each case would amount to many thousands. The Library also answers many hundred questions by telephone. It is the policy of the Library to build as strong a Reference Department as possible, and many valuable additions have been made during the past year.

The best work, however, can not be done in this Department with the frequent over-crowding of the room. The atmosphere of quiet which belongs to a Library is lost in the confusion and seeming disorder which cannot be avoided under the present conditions.

The past year has shown a marked gain in the activities of the Art Department. This has been most gratifying, since how to make the best

use of the splendid collection of both pictures and art books has been one of the problems of the Librarian. There are now six groups using the resources of the Art Room. For one of these groups, the Library pays a leader, as it has for the past three or four years. Other groups are from various clubs in the city and one is from one of the grade schools. While the pictures and many of the books in the Art Room do not circulate, yet many hundreds have been used in the room. Many of the art books have been moved from the stacks to the Art Room for two reasons—to give needed room in the stacks, and to keep the art collection in one place. Several additions have been made in this Department and it is becoming one of the strong Departments of the Library.

The Genealogical Room, which contains town and city histories, is making steady and satisfactory growth both in its use by the public and in the addition of valuable books. The removal of the Law Library from the Public Library Building has brought many expressions of regret from numerous law students. These young men had formed the habit of using these books and found the Public Library a convenient place.

The crowded condition of the stacks has become very serious. As many books as there is space for in the basement, have been moved there, and many of the art books have been moved to the Art Room, and still the books cannot be shelved properly. On many of the shelves it is necessary to lay books on the tops of other books, which gives the stacks a disorderly appearance and makes it difficult to find books when needed. The space for books in the Art Room is also practically all used.

The Branches have maintained their usual usefulness in the communities in which they are located. Some repairs and improvements are very much needed at the Highlands Branch, both for the effectiveness of the work there, and for the appearance of the room. All of the Branches except the one at Ward 7 made a gain in their circulation over 1927. The Ward 7 Branch does exceptionally good work, considering the very small space it has. It is not possible for it to expand in its present quarters.

The Recreation Room continues to be a favorite place for many children. Under the care of Miss Gray and Miss Duffill, they have their games; they have plays for special days such as Hallowe'en, Valentine's, and so on; they learn to make things: and every Saturday afternoon the story hour is in this room. In 1928, 677 different children were in the room, with a total enrollment of 4,700. The room is closed from May to October.

There were about seventy-five meetings held in the hall on the second floor by various organizations. The Recreation Room is also used for the monthly meeting of one club. One troop of the Girl Scouts uses the Wyoming Branch Room for its regular meetings, and both the Wyoming and Highlands Branches are used for voting places.

The splendid spirit and loyalty of the Staff and the co-operation and interest of you as Trustees, have combined to make the steady growth of the Library possible.

Respectfully submitted,

ELSIE M. HATCH,
Librarian

STATISTICS

The circulation for the year follows:

Main Library	91,376
Highlands Branch	25,908
Wyoming Branch	11,131
East Side Branch	12,707
Ward 7 Branch	5,826
School Deposits	12,070
Sanitarium	11,255
Girl Scouts Camp	269
Duplicate Library	973
Total	171,515

AMERICAN LIBRARY ASSOCIATION FORM OF STATISTICS

For the Year Ending December 31, 1928

Name of Library ..... Melrose Public Library
City and State ..... Melrose, Massachusetts
Name of Librarian ..... Elsie M. Hatch
Population served (estimated) 23,000
Assessed valuation of city $34,581,200
Terms of use—Free to residents of Melrose, teachers in public schools, and by special permission to persons employed in, or guests in the city.
Number of agencies:
Central Library
Branches 4
Other deposits—School rooms, Fire Stations, Sanitarium, 1 Camp
Number of days open during year, Central Library 328
Hours open each week for reading, Central Library
69 (9 months) 66 (3 months)
Hours open each week for lending, Central Library
69 (9 months) 66 (3 months)

Number of volumes at beginning of year	38,396
Number of volumes added by purchase	2,080
Number of volumes added by gift	101
Number of volumes added by binding	8
Total number of volumes at end of year	40,485
Number of volumes lent for home use	171,515
Number of borrowers registered	13,391
Number of borrowers registered in 1928	880

REPORT OF TREASURER OF SPECIAL FUNDS

Melrose Public Library for Year Ending December 31, 1928

William Emerson Barrett Fund

1928				
Jan.	1	By balance		$215.74
1929				
Jan.	1	By interest		15.51
Jan.	1	To balance	$231.25	
			$231.25	$231.25

Horatio Nelson Perkins Fund

1928				
Jan.	1	By balance		$788.96
		By interest		37.07
Dec.	31	To balance	$826.03	
			$826.03	$826.03

William Bailey Fund

1928				
Jan.	1	By balance		$2,700.13
		By interest		119.75
		To books purchased	$161.60	
Dec.	31	To balance	2,658.28	
			$2,819.88	$2,819.88

Catalogue Fund

1928				
Jan.	1	By balance		172.74
		By interest		11.99
		By deposits		992.09
		To books purchased	$55.06	
		To library supplies	270.03	
		To library employees	98.55	
Dec.	31	To balance	753.18	
			$1,176.82	$1,176.82

Duplicate Library Fund

1928				
Jan. 1	By balance			$7.50
	By interest			.10
	By deposits			98.54
	To books purchased		103.88	
Dec. 31	To balance		2.26	
			$106.14	$106.14

Recreation Room Fund

1928				
Jan. 1	By balance			$49.28
	By interest			3.53
Dec. 31	To balance		$52.81	
			$52.81	$52.81

FRANK W. CAMPBELL,
Treasurer

ADDENDUM

Year	Census	Dwellings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valuation	Rate per $1,000	City Appropriation	Sewerage Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865	19.40	255,567.13	14,834.95	8,494.76	23,760.00 *19.51	16,478.32	9,224.31	328,378.98	1910
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625	20.40	276,517.13	15,496.52	11,634.39 *4,076.16 9,412.75	23,760.00 *20.00 27,000.00	15,170.07	7,067.28	353,741.55	1911
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800	20.40	283,731.71	15,804.48	*1,323.37	*18.75	14,860.33	12,466.03	364,517.12	1912
1913	16,612	3,611	4,620	9,791,425	5,791,425	15,582,625	2,420,900	18,003,525	20.40	289,544.80	17,103.24	10,262.39 *1,655.79	32,640.00 *20.00	16,466.40 *1,502.39	7,316.90	376,511.91	1913
1914	17,037	3,674	4,685	10,144,550	5,816,700	15,961,250	2,606,080	18,567,330	21.70	316,917.47	17,437.18	10,558.39 1,731.04	35,700.00 67.65	19,577.92 136.46	10,154.95	412,281.06	1914
1915	17,096	3,748	4,850	10,494,300	5,823,300	16,317,600	2,623,780	18,941,380	23.70	359,106.29	17,201.57	10,796.50 1,621.29	39,780.00 52.40	20,682.55 133.25	9,236.85	458,610.70	1915
1916	17,317	3,864	4,949	10,957,650	5,891,700	16,849,350	2,795,800	19,645,150	22.00	350,771.03	16,153.54	8,183.80 *1,834.04	32,000.00 *200.00	20,650.93 *289.30	12,008.66	442,091.30	1916
1917	17,275	3,958	5,061	11,326,050	5,916,700	17,242,750	1,530,000	18,772,750	23.40	379,561.18	17,657.22	10,464.99 1,974.84	43,450.00 200.54	19,871.65 225.67	14,833.40	449,404.35 *38,835.14	1917
1918	17,353	3,964	5,043	11,519,250	5,912,150	17,431,400	1,644,975	19,076,375	23.40	413,680.07	18,851.06	10,597.62 2,007.80	43,450.00 208.65	21,532.85 205.30	11,719.08	522,252.43 *65,799.25	1918
1919	18,114	3,973	5,169	12,203,650	6,048,425	18,252,075	1,951,500	20,203,575	26.20	488,671.38	18,714.38	12,182.89 2,131.59	45,474.00 284.00	22,040.33 286.41	8,045.26	597,830.22 58,158.56	1919
1920	18 371	3,981	4,585	12,799,450	6,079,350	18,878,800	2,206,600	21,085,400	29.50	569,876.17	19,111.76	12,381.78 *2,177.13	57,174.00 *461.53	23,923.39 862.60 13,753.05	9,098.07	708,821.41 63,877.11	1920
1921	18,670	4,010	4,661	13,453,550	6,417,750	19,871,300	2,606,050	22,477,350	30.80	623,903.04	23,447.16	13,576.76 *2,254.37	57,174.00 *545.34	31,197.18 724.32	10,697.21 13,983.00	777,502.38 *61,895.00	1921
1922	18,964	4,048	5,424	14,017,500	6,469,050	20,486,550	2,617,950	23,104,500	32.60	684,835.78	21,359.60	14,037.11 2,213.39	46,560.00 557.06	29,576.48 232.67	19,182.61 16,272.00	834,826.70 *54,500.00	1922
1923	19,368	4,106	5,492	16,198,650	6,570,350	22,769,000	2,710,800	25,479,800	30.80	715,248.68	23,547.37 1,935.89	15,293.01 2,441.56	46,560.00 471.68	28,652.62 237.98	20,795.85 16,476.00	871,699.64 *59,422.80	1923
1924	20,197	4,208	5,658	17,404,450	6,823,800	24,228,250	2,978,700	27,206,950	30.60	772,887.24	22,848.59	15,550.70 2,388.03	38,800.00 568.00	30,876.18 249.	20,646.66 223.34	904,991.57 *61,142.90	1924
1925	20,302	4,311	5,815	18,699,000	6,875,500	25,574,500	3,183,200	28,757,700	32 20	850,764.17	25,330.96 843.09	17,142.06 *2,593.26	47,040.00 *629.87	35,829.68 254.72	17,848.88 66.39 237.26	996,581.50 *60,953.60	1925
1926	20,865	4,449	5,994	20,467,600	7,317,500	27,785,100	3,484,900	31,270,000	32.10	925,465.94	26,278.73	19,505.23 2,603.30 3,255.32 231.68 302.58	47,040.00 436.65 408.10	39,379.87 255.04	14,812.61	1,080,024.45 *64,269.45	1926
1927	21,652	4,575	6,268	21,854,250	7,363,350	29,217,600	3,558,500	32,776,100	31.20	946,741.98	27,452.61	19,889.42 1,952.55 2,513.34 397.26	47,040.00 568.00 262.64 265.47 33.88	41,025.11 4,306.77	10,530.11	1,102,970.51 67,820.19	1927
1928	22,587	4,768	6,591	23,575,450	7,479,300	31,054,750	3,526,450	34,581,200	31.60	1,043,604.08	27,025.33	17,152.10 2,961.86 634.97 786.90 1,435.56	37,315.00 273.27 2,051.95 253.16 121.29 2 66	39,291.06 3,010.85	14,719.84	1,190,639.22 *84,691.30	1928

*Less Income Tax

Report of City Collector

To the Honorable, the Mayor and Board of Aldermen,
Melrose, Mass.

Gentlemen:

Submitted herewith is the annual report for 1928 of the Collecting Department.

Respectfully yours,
WILLIAM A. CARRIE,
City Collector

COLLECTOR'S YEARLY REPORT, 1928

Receipts

Tax—1921	$5.18	
1923	4.00	
1925	2,782.62	
1926	35,493.09	
1927	276,062.71	
1928	730,719.71	1,045,067.31
Water—1925	$9.00	
1926	433.18	
1927	12,027.40	
1928	53,247.26	
Summons	96.60	65,813.44
Sewer	10,431.82	
Sewer Interest	3,212.59	13,644.41
Sidewalk	13,918.08	
Sidewalk Interest	2,115.20	16,033.28
Betterment	6,819.00	
Betterment Interest	835.35	7,654.35
Collector's Receipts		673.45
General Interest—1925	$557.87	
1926	3,672.90	
1927	9,551.74	
1928	743.55	14,526.06
Takings Redeemed—		
Tax	$6,247.75	
Interest	3,044.66	
Betterment	250.68	
Street Watering	52.52	9,595.61
		$1,173,007.91

Expenditures

Salaries and Wages—Appropriation	$4,800.00	
Transferred from Other Expenses	100.00	4,900.00
Expended	4,884.51	
Balance to Excess and Deficiency	15.49	4,900.00
Other Expenses—Appropriation	$1,516.00	
Transferred to Salaries and Wages	100.00	1,416.00
Expended	1,362.14	
To Excess and Deficiency	53.36	1,416.00

WILLIAM A. CARRIE,
City Collector

Report of Fire Department

To His Honor the Mayor and the Honorable Board of Aldermen.

Dear Sirs:—

I respectfully submit the following Annual Report of the Melrose Fire Department for the year 1929.

Organization

The department consists of four companies and are as follows: Engine Co. No. 1, Engine Co. No. 2, Hook and Ladder Co. No. 1, and Hose Co. No. 4.

Personnel

The permanent force consists of one Chief Engineer, three Captains, Lieutenants, Master Mechanic, and 18 Privates.

The Call force consistst of one Deputy Chief, one Lieutenant, and 11 Privates.

The department has been very fortunate this last year as only minor accidents have occurred.

Equipment

One Chief's auto, two auto pumping engines with equipment, one auto hook and ladder truck with equipment, two combination hose and chemical autos with equipment, one horse drawn pung, 18 chemical extinguishers and other appliances for fire and life saving work.

Hose

Number of feet of good 2½ inch hose	9400 feet
Number of feet of poor 2½ inch hose	400 feet
Number of feet of chemical 1 in. hose	1100 feet

I shall ask for the purchase of 500 feet of 2½ inch hose in 1929. All hose tested to 200 pounds pump pressure.

Fires

Total number of alarms	335
Bell alarms	117
Still alarms	218
Engine Co. No. 2 to Wakefield	8
Engine Co. No. 1 to Wakefield	1
False alarms	12

Insurance on Buildings

Number of buildings damages	28
Valuation of buildings	$870,500.00
Loss on buildings	20,661.45
Insurance on buildings	709,249.00
Insurance paid on buildings	18,509.51
Value on contents	44,568.00
Loss on contents	8,027.45
Insurance on contents	36,600.00
Insurance paid on contents	8,513.45

Department Work

Ammonia leakage	2
Rescue cats	5
Auto accidents	1
Man gassed	1
To open doors	3
Water leakage in house	1
Steam boiler safety valve opened up	1
Wire down on street	1
Rescue service at Ell Pond	1

Hose and Ladders Used

Number of feet of hose laid	21,700	feet
Number of feet of ladders raised	2,008	feet
Number of covers used	25	
Number of gallons of chemical used	271	gals.
Total mileage	1,553	miles
Total hours of service	268	hours

Three two-alarm fires and one three-alarm fire

Inspections

Inspections of buildings	4,536
Inspection of hydrants	3,385

Value of personal property	$58,955.70

During the year we lost, by death, one of the oldest and most honored members of our call force.

William A. Lynde, born, 1856. Admitted to the fire department April 7, 1876, served in the ladder company and was appointed a Call Lieutenant, and was such until his death on August 3, 1928. He was faithful to his duties at all times.

I am in hopes that the school department this year will do something in regard to installing the sprinkler system, a fire escape and smoke screens

or doors, as has been recommended by me, in the High School building, for the safety of scholars and to save damage to the property.

I am recommending that a 750 gallon triple pumping engine be purchased this year to replace the old Knox Combination. This piece has been in constant use since 1913 and has done good work by keeping it up. The parts for it are not being manufactured at present for it is all out of date. I believe that if it is not put to constant use it could be used as a spare piece for some years, but if we have to use it constantly, as we do now, that it will not last any great length of time.

I am also recommending that a new ladder truck be purchased so that we could equip the new station at Melrose Highlands with one and also have one in case of accident or out of commission as it is impossible to borrow one from a neighboring town in case of trouble.

I believe that the city of Melrose can well afford its own equipment as well as other cities and not depend on borrowing.

I am asking that four more permanent men be appointed and added to this department this year and four more Jan. 1, 1930.

I am calling your attention to the fire alarm system which was installed in 1896, thirty-three years ago and which is not adequate enough to carry all that it is required to do. We should have a new system.

In June 1928 land was purchased and money appropriated for the erection of a new fire station at the corner of Melrose and Tremont Streets. Work was started in July and finished Jan. 8, 1929. We occupied the building January 10 and are very much pleased with it. When the grounds are graded and laid out with shrubbery, it will be a great improvement to that part of Melrose Highlands.

In conclusion, I wish to thank the Mayor, the Honorable Board of Aldermen, all city officials and departments, the public in general and the members of the Fire Department for their co-operation in the work of keeping the fire losses at a minimum. This year being the smallest loss for a good many years.

Very truly yours,

FRANK C. NEWMAN,
Chief of Fire Department

Report of Inspector of Buildings

To the Honorable Mayor and Board of Aldermen,

Gentlemen:

I herewith submit my report for the year ending December 31, 1928.

PERMITS ISSUED

Type	No.	Cost	No. Families
One-family dwellings	175	$1,222,200	173
Two-family dwellings	23	179,000	46
Apartment houses	3	305,000	83
Fire Station	1	35,000	
Free Press Building	1	24,000	
Hospital Annex	1	80,000	
Garages	226	100,809	
Stores	4	42,500	
Other buildings	5	8,755	
Alterations to dwellings	72	49,435	
Other alterations	16	12,790	
Total	525	$2,059,489	302

Collected for Permits issued	$1,553.50
" " Garage Licenses	452.00
Total	$2,005.50

It will be seen from the above figures that Melrose has had a second year of the greatest growth in her history. There was a decrease in building operations over the entire state of 5.7 per cent for the year 1928 as compared with the previous year.

The Building Code is still in the making, but is nearing its completion and will soon be submitted to you for approval.

Respectfully submitted,

ANGUS MacDONALD,
Inspector of Buildings

Report of Law Department

I herewith submit my report as City Solicitor for the year 1928.

Seven cases were pending in court at the beginning of the year, as follows:

Frank W. Prescott	vs. Melrose
Isabel Prescott	vs. Melrose
Barnes	vs. Melrose
Pond	vs. Melrose
Fitzpatrick	vs. Melrose
The Gow Company, Inc.	vs. Melrose
Seletsky	vs. Melrose

Of these, the Fitzpatrick case has been settled by the payment of $450.00 and the Seletsky case was tried and judgment rendered for the plaintiff for the amount which the city admitted to be due, which judgment has been paid.

No particular action has been taken on any of the other cases pending at the beginning of the year.

One action has been brought against the city and two have been brought by the city during the year.

An action for damages has been brought in the Malden District Court by Anna Carroll for injuries alleged to have been caused by a defect in the sidewalk in front of No. 114 and 116 Wyoming Avenue, which action is now pending.

Several cases (in substance one case) have been brought in the Land Court for foreclosure of tax titles. Two of the titles have been redeemed and one or two others will probably be redeemed soon. Action for the foreclosure of the remaining tax titles will be pressed.

An action has been brought in the name of the Inspector of Buildings against George F. Shields, for violation of Zoning Ordinance in maintaining a boarding house at No. 743 Main Street, which action is still pending.

As usual, I have rendered a large number of opinions on various questions to the Mayor and other city officials, also have drawn numerous orders for the Board of Aldermen, contracts, etc.

At the request of the Mayor, I have attended several hearings before legislative committees where the interests of the city seemed to be affected, and in particular, have attended all the hearings held this year on the petition of Malden, Everett, Medford and Melrose for reduction in electric light and gas rates, although not taking any active part in the conduct of the hearings.

OSCAR STORER, *City Solicitor*

Report of Licensing Commission

To His Honor the Mayor and the Honorable Board of Aldermen.

Gentlemen:

The License Commission respectfully submit their annual report for the year ending December 31, 1928.

Two hundred and forty-seven (247) permits to erect and maintain garages, including licenses to install tanks, were issued during the year, at a total return to the city of Five Hundred Forty-eight (548) Dollars, divided as follows:

151	permits for one car garages
78	permits for two car garages
12	license for tanks
4	permits for three car garages
1	permit for a six car garage
1	permit for a four car garage
247	

Hearings, in accordance with the provisions of the City Ordinances were held by the Board of Aldermen on the applications for three or more car garages and for licenses to install tanks.

The total amount collected from all sources amounted to $566.50.

All locations for garage permits were viewed and passed on by the Inspector of Buildings, and the Chief of the Fire Department, and since August hearings have been held before the Commission on all applications for permits for one or two car garages, in addition before occupancy was allowed, approval was given in writing by the Chief of the Fire Department, in compliance with the provisions of Chapter 148 of the General Laws relative to Fire Protection.

Respectfully submitted,

FRANK C. NEWMAN, *Chairman*
ANGUS MacDONALD, *Inspector of Buildings*
VICTOR C. KIRMES, *City Clerk*
Melrose License Commission

Report of Board of Public Welfare

To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.

Gentlemen:

The Board of Overseers of Public Welfare herewith submits its Annual Report for the year ending December 31, 1928.

PARTIAL SUPPORT

Individuals aided	296
Adults	109
Children	187
Having settlement in Melrose	228
Having settlement elsewhere in State	45
Having no known settlement	23
Families aided	59
Having settlement in Melrose	46
Having settlement elsewhere in State	9
Having no known settlement	4

FULL SUPPORT

Supported in private families	4
Children boarded by the State	12
Children boarded in other cities	4
Supported at Malden City Infirmary	5
Supported at State Infirmary	4
Cases discharged	10
Deaths	4

APPROPRIATIONS

General administration	$1,650.00
Outside relief by city	5,000.00
Relief by other cities and towns	7,000.00
Mothers' Aid	4,500.00
Maintenance in hospitals	1,200.00
Other expenses	200.00
	$19,550.00

GENERAL ADMINISTRATION

Appropriation		$1,650.00
Expended:		
Salaries of the Board	$1,600.00	
Clerical services	30.00	
Balance	20.00	
	$1,650.00	$1,650.00

OUTSIDE RELIEF BY CITY

Appropriation		$5,000.00
Transfer from Mothers' Aid		1,000.00
Expended	$5,885.03	
Balance	114.97	
	$6,000.00	$6,000.00

RELIEF BY OTHER CITIES AND TOWNS

Balance from 1927		$1,001.88
Appropriation		7,000.00
Expended	$7,544.04	
Balance	457.84	
	$8,001.88	$8,001.88

MOTHERS' AID

Appropriation		$4,500.00
Less Transfer to Outside Relief by City		1,000.00
Expended	$1,992.67	
Balance	1,507.03	
	$3,500.00	$3,500.00

MAINTENANCE IN HOSPITALS

Appropriation		$1,200.00
Expended	$1,004.00	
Balance	196.00	
	$1,200.00	$1,200.00

OTHER EXPENSES

Appropriation		$200.00
Expended	$185.34	
Balance	14.66	
	$200.00	$200.00

RECEIPTS

Reimbursements from Individuals	$125.36
Reimbursements from Commonwealth	1,695.53
Reimbursements from Other Cities and Towns	279.00
	$2,099.89

ELEANOR BROWN TOOTHAKER FUND

Balance from 1927		$1,390.34
Receipts		2.00
Expended	$24.00	
Balance to 1929	1,368.34	
	$1,392.34	$1,392.34

COMMUNITY CIVICS, MELROSE HIGH SCHOOL

Balance from 1927		$19.86
Interest on Liberty Bond		2.13
		$21.99

A. C. MARIE D. CURRIER FUND

Balance from 1927		$1,333.30
Received from Trustees		1,129.60
Expended	$1,751.64	
Balance to 1929	711.26	
	$2,462.90	$2,462.90

The clothing for the worthy poor given from the A. C. Marie D. Currier Fund consisted of the following:

46 pairs rubbers	36 pairs gloves	2 dresses
252 pairs shoes	18 caps	1 shirt
96 pairs hose	30 night gowns	

At Christmas, 1928, 110 dinners were given to families.

St. Agnes Chapter, Episcopal Church, donated 2 nightgowns and 2 dresses.

GENERAL ADMINISTRATION

	Salary of Board	Salary of Clerk	Total
January	$150.00		$150.00
February	125.00		125.00
March	125.00		125.00
April	150.00		150.00
May	125.00		125.00
June	125.00		125.00
July	150.00	30.00	180.00
August	125.00		125.00
September	125.00		125.00
October	150.00		150.00
November	125.00		125.00
December	125.00		125.00
	$1,600.00	$30.00	$1,630.00

RELIEF BY OTHER CITIES AND TOWNS

	Board of Children	Board in Institutions	Board in Hospitals	Cash	Food	Fuel	Medical Aid and Medicine	Transportation	Clothing	Totals
January										
February		$1,106.07								$1,106.07
March	$589.29	22.00	$15.00					$3.00		629.29
April		273.00								273.00
May										
June			94.11							94.11
July	1,031.40	277.43	33.00							1,351.83
August	506.00									506.00
September	952.36	17.00								969.36
October	761.39	239.58	36.00							1,036.97
November										
December	717.39	92.00		712.00	14.84	29.68	6.00		5.50	1,577.41
	$4,567.83	$2,027.08	$178.11	$712.00	$14.84	$29.68	$6.00	$3.00	$5.50	$7.544.04

OUTSIDE RELIEF BY CITY

	Cash	Food	Fuel	Rent	Board	Medicine	Burial	Clothing	Transportation	Total
January	$128.00	$99.15	$48.40	$60.00	$31.00					$366.55
February	185.00	117.14	45.30	110.00		$2.73	$112.00			572.17
March	219.00	169.89	30.10	60.00	46.00	6.80				531.79
April	241.00	78.29	12.45	60.00	30.00	.60	112.00		$15.00	549.34
May	245.00	61.72		60.00	31.00	7.10				404.82
June	265.50	81.82		60.00	60.00	4.70				472.02
July	259.50	38.93		50.00	62.00					410.43
August	314.50	37.50		50.00	62.00	1.38		$5.00	2.25	472.63
September	319.00	37.33		50.00	60.00	3.50				469.83
October	320.00	44.73		50.00	62.00	1.30				478.03
November	366.50	50.75	16.60	50.00	60.00	3.00				546.85
December	380.50	71.27	46.80	50.00	62.00					610.57
	$3,243.50	$888.52	$199.65	710.00	$566.00	$31.11	$224.00	$5.00	$17.25	$5,885.03

MOTHERS' AID

	Cash	Hospital	Other Cities and Towns	Total
January	$120.00	$86.00		$206.00
February	120.00			120.00
March	150.00			150.00
April	120.00			120.00
May	120.00			120.00
June	150.00			150.00
July	120.00		$346.67	466.67
August	150.00			150.00
September	120.00			120.00
October	120.00			120.00
November	150.00			150.00
December	120.00			120.00
	$1,560.00	$86.00	$346.67	$1,992.67

OTHER EXPENSES

	Telephone	Envelope and Postage	Equipment	Transportation	Annual Report	Total
January	$6.30					$6.30
February	6.35					6.35
March	6.87					6.97
April	6.68		11.30			17.98
May	6.63	3.50	$.87			11.00
June	6.05					6.05
July	6.20					6.20
August	6.40		1.58		18.84	26.82
September	6.63					6.63
October	6.33		15.00	8.00		29.33
November	7.38		2.85			10.23
December	6.33		43.75	1.50		51.58
	$78.15	$3.50	$75.35	$9.50	$18.84	$185.34

MELROSE HOSPITAL

January	$53.90
February	0.00
March	31.50
April	0.00
May	0.00
June	285.40
July	0.00
August	31.42
September	126.75
October	160.25
November	39.20
December	167.60
	$1,004.00

TEMPORARY AID

Only careful planning and strict economy enabled this department to function throughout the year without calling for additional funds. We were greatly encouraged with our rather low expenditure during the first few months and anticipated a light year in 1928. Unforseen calls for public aid greeted us in the early Summer however, and our expenses became much greater. The number of cases cared for in cities and towns chargeable to this city was greater than ever before, several of these running into hundreds of dollars. Public aid has increased in leaps and bounds in the majority of cities and towns, especially in the larger communities, but Melrose has been fortunate in this respect, and there has been no increase in its welfare budgets for several years.

The Welfare Board has endeavored to treat each case coming before it on its merit irrespective of pressure brought by sympathetic friends. It often happens that some well meaning person will become extremely interested in a certain case, where to them aid seems in greater need than for others where they are not interested. Impartial judgment and careful investigation have been the watch-words of this Board and we feel that we have kept disbursements down to a minimum, yet administering justly to the needs of the worthy destitute. During the year we have aided six State and one Everett case and one Saugus case.

There is a bright side, however, and there is much satisfaction in witnessing the good accomplished from relief given the real needy. The children are trained to share in the household expenses when they become self supporting and the cases close with a happy family, all contributing toward each other's welfare.

MOTHERS' AID

The Mothers' Aid Law stands rather alone in its requirements and its administration occasionally involves much work for which the law is not so much to blame as the applicant, as there are some who want all of the benefits of the law and try to avoid its obligations, and there is always a bit of friction somewhere because of this. The success of all Mothers' Aid cases depends on the degree of co-operation the mother is willing to give and the effort she makes to properly care for the home and the children.

At the close of this fiscal year we were aiding three Mothers' Aid cases, one in Malden. Some families drop out each year and others are added. We are investigating two cases. Aid is disbursed entirely on a cash basis. It is important that those who receive it should be women capable of handling money in a competent manner.

Support of Children

During 1928 sixteen orphaned or abandoned children were supported through this Department. Of this number two were cared for in Billerica in private homes, two in Stoneham, while the State Division of Child Guardianship had charge of twelve children having a legal settlement in Melrose. The total amount expended in 1928 for the care of children was $4,567.83.

We would express our appreciation for the work and services rendered by the City Physician in co-operation with this Board. The Melrose Hospital has also rendered valuable service to our outside poor during the past year.

In presenting this report for 1928 we wish to express our appreciation for the courtesy of the Mayor and Board of Aldermen.

Respectfully submitted

ADALINE G. REED, *Chairman*
GERTRUDE F. PROVANDIE
THOMAS F. TROY
Overseers of the Board of Public Welfare

Report of Park Commissioners

Melrose, Mass., Jan. 30, 1929

To His Honor, the Mayor
and the Honorable Board of Aldermen,
City of Melrose, Mass.

Gentlemen:—

In compliance with the provisions of Section 9, Chapter 45 of the General Laws of the Commonwealth of Massachusetts, I herewith submit the nineteenth annual report of the Board of Park Commissioners, the same being for the year 1928.

PARKS

Under the control and management of the Park Commissioners of the City of Melrose, are the following named parks: Horace Mann Park, Grove and Myrtle streets; Ell Pond Park, Main Street, Crystal Street and the Boulevard; Sewall's Wood Park, off Sewall's Wood Road; Boylen Park, junction of Green and Howard streets; Bowden Park, between Vinton Street and Cedar Park on West Emerson Street; the land formerly occupied by the old city stables on Pleasant Street and which was turned over to the Park Department during the year 1927 by the Mayor and Board of Aldermen as a public park.

ELL POND PARK

This park which consists of the shores of Ell Pond, is in vital need of serious study on the part of the Park Commissioners and the City Government. We again repeat that Ell Pond with its natural beauty and location in the heart of the city, demands that some permanent improvement should be started on its shores in the very near future.

SEWALL'S WOOD PARK

This plot is a deed of gift, owing to the nature of the gift and other restrictions, a general improvement cannot be carried on successfully. The Park Commissioners however keep this area in proper condition in regard to the trimming of the trees and keeping the place clear of rubbish.

BOYLEN PARK

Boylen Park, dedicated to the memory of one of the first Melrose citizens to make the great sacrifice during the late World War, is kept for the purpose for which it was intended, a Memorial Park, general conditioning has gone on without improvement.

BOWDEN PARK

A park such as Bowden Park, demands a great deal of attention, especially during the early spring and summer months, and the attention of an expert gardener. The Commission feels that Bowden Park more than justifies the amount of money spent on its construction and upkeep.

LINCOLN PARK

This area was turned over to the Park Commissioners in 1928 for development as a public park, and it is the intention of the Commission to make this area a duplicate of Bowden Park, but until the school situation at Lincoln School has been cleared up no further steps will be taken.

PLAYGROUND DESCRIPTION

Messenger's Meadow

Outside of keeping the general condition and appearance up no improvements of a permanent nature have been completed. The Park Commission has during the past summer re-built the tennis courts, demolished the old building and rebuilt the fence around three tennis courts.

Lincoln Playground

The Lincoln, the same as the other playgrounds, during the past year has been kept clean and in as good condition as possible. The Park Commission will this year move the back stop on the baseball diamond nearer the brook. In conjunction with the rebuilding of the tennis courts at Messenger's Meadow, plans are ready for the rebuilding of the court on this playground. This playground along with the park will have to mark time until the school situation is straightened out.

Melrose Common

A tennis court has recently been constructed on this playground and during the coming year a fence will be constructed enclosing the court. During the winter of 1929 the Park Commission hopes to flood this court giving the children of this district a safe skating rink. Plans are now being made for concrete to be laid on this court to insure a firm base for flooding.

Ripley Playground

This playground was completed during the year 1926. It is fully equipped with playground apparatus, and has proven to be one of the most popular playgrounds in the city.

PLAYGROUND PERSONNEL

The following were members of the Park Department Playground Staff during the season of 1928: Miss Mildred Sanford, Playground Supervisor of all the playgrounds; Mr. Myles Lane, who was employed primarily for larger boys' work, such as baseball, football, etc., and the Misses Bourne at the Common, Glenn at the Ripley, Colbert at the Lincoln, and Lewis at Messenger's Meadow, and Miss Milliken who was employed as a spare worker, which would allow all the playgrounds to have an instructor present at all times.

The aims of the playground staff during the past season were to provide not only a safe and healthful place in which the children of this city might play, but also to teach the boys and girls through the various competitive games, both intra-playground and inter-playground, how to play fair and square; to take victory modestly and defeat courageously. It was also the desire to teach them to respect property, this was done by having them care for the park property; to teach them to enjoy work as well as play, accomplished by the various handicrafts and similar activities. A sense of loyalty to each playground was deepened by the inter-playground activities and to the whole of Melrose by the competitions with outside cities. Many children, by taking charge of the lantern parade or some similar event, developed a keen sense of leadership and responsibility. A child who has done things, who has accomplished something interesting, is much better prepared for life—and that above all else is what the playgrounds are striving for—to prepare children for life.

The girls greatly enjoyed their handicraft and the success was partly due to the fact that there was an extra girl worker on the playgrounds, so it was possible to devote more time to the teaching of the different crafts. Baskets were made and the interest is still as great as ever. This work was so successful that paper flower making and simple sewing were attempted and both proved very successful.

The state wide safety work was carried on at all the playgrounds. Just by having playgrounds, Melrose is doing safety work, but this was deemed insufficient and the instructors tried to teach the children the simple rules of safety...

The inter-playground games of other years were carried on again. Dodge ball was developed by the junior boys of the Lincoln and so much interest ensued that games for all the playgrounds were arranged. Much more benefit is gained by spontaneous growth such as this. Girls' baseball, which was introduced last year, was very successful. Every playground was able to develop a team and games were arranged with other cities. As the years go on this will probably be a very popular sport with the girls. Paddle tennis, checkers, volley ball, and quoits and the newly installed games of clock golf met with much favor. A paddle tennis court at Messenger's Meadow and the Lincoln are essential as the number playing and desiring to play is increasing and the growing popularity of this game warrants the building of suitable courts.

The lantern parade was almost an astounding success. Over twice as

many children participated as before. Each division had a more elaborate heading than before and all were worthy of praise.

The season closed as usual with a successful track meet at the Athletic Field. There were many events and many more participants than before, although this year it was necessary to make entries at least three days before the track meet so that the judges could be provided with the necessary cards and a chart made of the whole meet. After the meet the badges were awarded and at this time the winners of the point contest which had been in operation again this summer, were presented with their prizes which were articles of their own choice costing not over five dollars.

In spite of the bad weather the attendance of the Melrose Playgrounds showed a total gain. The Ripley, the newest playground, has showed a decided increase each year, as have the Lincoln, the Common and Messenger's Meadow.

Attendance at the various playgrounds for the past four seasons was as follows:

	1925	1926	1927	1928
Lincoln Playground	10,899	11,044	11,496	11,874
Melrose Common	11,147	11,730	11,960	12,010
Messenger's Meadow	5,124	5,474	5,850	6,100
Ripley Playground	3,763	4,596	5,350	5,630
Total Attendance	30,933	31,844	43,656	35,615

From these figures it can readily be seen that the playgrounds are constantly increasing in popularity, and that the children and the parents are gradually coming to the point where they see that the safest place for the children (and the most natural) is the playground.

The Park Commissioners are aware that the possibilities in the development of the parks and playgrounds are numerous, that much of the work should be revised and extended with a proper regard for the future. The annual budget appropriation received by the department is not sufficient to allow for the extended improvements, on the various playgrounds and parks. The Commissioners feel that aside from the regular maintenance, they have bettered the appearance and added somewhat to the permanent improvements of the varicus properties under their control. In this connection the Commissioners feel highly satisfied with what has been accomplished by those in charge during the past year, under the limited appropriation to carry on the work.

BATH HOUSE AND BEACH

Owing to the resignation of Mr. Gabriel, the life guard, the Park Commission at the early summer found themselves without a suitable person to put in charge of the beach. During the month of June the Superintendent was instructed to get in touch with various colleges in regard to a man to fill this vacancy. Mr. Rogers recommended to the Park Commissioners the employment of Mr. William T. Murphy, a Harvard Law Student. The Commission (after an interview with Mr.

Murphy) decided that he was the man they wanted and consequently he was employed as a life guard. The Park Commission feels that Mr. Murphy did a very creditable job and we feel that the personnel of the bath house and the assistant life guards have, through Mr. Murphy, added greatly to their knowledge and find themselves better fitted to carry on.

Four hundred yards more of sand was placed in the water and on the beach, a wading pool for the smaller children was built on the easterly end of the beach and trees will be set out along this side, so that mothers may take their children to the beach with perfect comfort and safety.

During July our annual swimming meet was held. We had a choice selection of New England stars as well as our own local talent. About 2,000 spectators were on hand. The swimmers complimented the city on having such splendid facilities and for its well laid out course for the races.

During the month of August five days a week were devoted to instruction in life saving under the direction of the life guard.

Many assists and rescues were made during the season by members of the Life Saving Staff and many injuries were treated at the bath house by the attendants in charge.

The staff of life guards and also the attendants were the best that have worked there during the six years that the bath house has been in operation. The plan of employing a matured woman is highly recommended as is the plan of a permanent police officer always in attendance.

ICE HOCKEY RINK AND SKATING

An illuminated ice hockey rink located on the Boulevard and close to the pond, was increased in size during the winter of 1927 to 96 feet wide by 200 feet long, making the rink approximately the same size as the rink in the Boston Arena, which compares very favorably with other rinks in this section. As a rule the ice conditions are such that the rink is opened in the early part of the winter. Permits for the use of the rink are issued by the department to teams within the city limits and the High School. During last winter, the rink was opened to the general public on Saturdays and Sundays for skating purposes, and from the success of this experiment they have decided to continue the practice. Each season when weather conditions are favorable the areas at the three playgrounds are flooded and provide skating areas for the younger children. Keeping these areas in good condition, weather permitting, has been the means of making this winter sport more profitable every year.

A Mystic Valley Hockey League composed of teams from Melrose and the surrounding cities and towns has been formed and during the coming season they will play a series of games all on the rink on the Boulevard. A Melrose hockey league consisting of Melrose boys all under 21 years of age has also been formed and will play there on the Melrose rink.

During the coming season the Commission also plans to hold a Winter Sport Carnival which will probably take place about the last of January.

The program will consist of hockey games, skating races, ski races and an exhibition of fancy skating.

RECOMMENDATIONS

Recommendations can be suggested faster than money can be appropriated to carry out the various extensions and improvements that are necessary on our parks and playgrounds.

It is our belief that his Honor, the Mayor, and the Honorable Board of Aldermen will, so far as it is wise and proper, appropriate all sums for projects of this commission which appear as an asset and an improvement to the city property and city welfare.

Respectfully submitted,

RICHARD J. LORD, *Chairman*
NEIL S. CASEY
ROY L. BOSWORTH
GEORGE E. MANSER
JOSEPH R. HEBBLETHWAITE
GEORGE W. ROGERS, *Supt.*
Park Commissioners, City of Melrose

AREAS OF PARKS:

Lincoln School Playground	1.60 acres
Horace Mann Park	.60 acres
Messenger's Meadow	2.89 acres
Melrose Common	4.4 acres
Sewall Woods Park	9.0 acres
Ell Pond Park	30.41 acres
Pine Banks Park	81.8 acres
Middlesex Fells	170.0 acres
Area of Wyoming Cemetery	45.5 acres

Annual Report of Pine Banks Park

1928

City of Malden	$2,700.00	
Transfers	3.06	$2,703.06
City of Melrose		2,699.85
		$5,402.91

Expenditures

Deficit at start of year—Melrose	$135.08	
Pay Roll	3,174.53	
Telephone	25.10	
Electric Expense	16.33	
Stable Expense	225.00	
Hardware	146.21	
Insurance	39.75	
Food, Grains, Seeds	274.73	
Lumber	44.10	
Repairs	72.03	
City of Malden—water	52.28	
Sundries, Shoeing horse, etc.	50.94	
Zoo	98.50	
Equipment	1,048.33	$5,402.91

Extra pay roll needed for year—1928	$607.60	
withdrew from cash account, as appropriation money was all used up for 1928	5,402.91	
Total amount spent	$6,010.51	

Report of Planning Board

To His Honor the Mayor and the Board of Aldermen,

Gentlemen:

The Melrose Planning Board herewith presents its sixteenth annual report in accordance with the statute under which it was created.

The Board has held twelve meetings, two of which were public hearings.

Two cases came before the Board during the past year under Section 7 of the Zoning Ordinance "Permissive Uses in Residence A and B Districts." The first was an application from the Melrose Legion Building Association for permission to extend their building at 34 Crystal Street. A hearing was held January 19 after notices were sent to adjacent property owners in accordance with Section 4. No written objection was received and no one appeared at the hearing to protest. The Board after careful consideration found no objection to the proposed addition and so voted.

The sceond case came in July when the Melrose Hospital Building Association applied for permission to build an additional ward. A hearing was held in August, Hon. C. H. Adams appearing to explain the plans for the new building. No one appeared in opposition. The Board granted permission to build.

On March 19 the Mayor sent a letter asking the Board to consider plans for the Tercentenary Celebration, the first move to be a meeting of representative citizens to talk over plans. A list of names and a form letter of invitation were submitted to his Honor, a date was set for the meeting, and speakers from the Tercentenary Committee were invited to speak. For reasons beyond the control of the Board the meeting was postponed.

A Committee composed of members of the Planning Board, Board of Appeal, and Board of Survey worked until the summer recess revising the Zoning Ordinance. The work was nearly completed.

The Board was asked by the Board of Aldermen to consider the advisability of changing a district in the vicinity of Boston Rock from Residence A to Residence B. A careful study of the plans and a survey of the district showed that the lots, with one or two exceptions were of ample size for two family use. The applicants agreed to change the lot lines to which the board objected and to establish a minimum cost of $9000 for a two family building.

Early in the year the Mayor submitted a letter from the City Solicitor and the Chairman of the Board of Health concerning the probability of an ordinance which would make safe the erection of homes where the water or rock level was such that cesspools and surface drainage were difficult or impossible. After long and careful study of draft of such an ordinance to be placed in the Building Code was submitted to the Board, entitled: An amendment providing for the submission of all building permits to the Board of Health in locations where lack of adequate sewer connections and difficulty in draining surface water are likely to cause unsanitary conditions.

In September the Chairman was approached by agents in charge of the sale of a large tract of land (to which the above amendment was applicable) with a plan to have the city purchase the street to prevent an undesirable development. It was brought to the attention of the Mayor, who decided that it was entirely impracticable. The incident, however, made clear to the Board the necessity of giving the matter of the drainage of the district immediate attention.

The problem of the drainage of the territory adjoining Spot Pond Brook has been before Melrose for fifty years.

The first petition for relief from a flooded area then known as Odiome Pond which extended from Wyoming Avenue to Winter Street, Malden, was contained in an Act of the Legislature passed June 11, 1869—Chapter 378, entitled "an Act relating to Drainage in the towns of Malden and Melrose.

This Act gave the County Commissioners wide authority to lay out water courses from Ell Pond Brook and Spot Pond Brook to tide water. This was done and proved satisfactory until the Metropolitan Water Board took over Spot Pond as a reservoir and turned the drainage from Doleful Pond and the 800 acres of swamp surrounding it into Spot Pond Brook. By so doing, a volume of 13,000,000 gallons of water was poured into this brook every twenty-four hours. When the brook reached the level stretches in Melrose, it turned over 65 acres into a swamp and raised the general water level in all adjacent territory.

In 1902 the Legislature was again appealed to for relief. A resolve was passed June 11, 1902, requiring the Metropolitan Water and Sewerage Board in conjunction with the cities of Melrose and Malden to report a plan to provide an easy and natural flow to tide water, of the water from Doleful Pond and surrounding country turned into it, by said Board.

A careful and exhaustive report was made by the Engineers of the Metropolitan Water Board and submitted to the Legislature January 13, 1903. This report was House Document 1087. The expense was evidently considered too great, for another resolve was passed June 24, 1903, directing the Board to submit a plan which was less expensive.

Nothing was done to relieve the situation and in 1912 the Legislature passed another resolve which was approved February 9, 1912 again to investigate the conditions of Spot Pond Brook. The investigation was made and Malden filed a minority report against the plan. Since that time nothing has been done.

The situation has changed very much in the last ten years. Real estate developments have crept out into the swamp in Malden and Melrose. Streets have been laid, thus adding to the already overburdened brook.

The water right owned by Cochrane Paint Works which was the chief obstacle in previous attempts is no longer used and has been sold. The old dam still remains and until it is lowered, deepening and widening the brook in Melrose will be of no avail. The removal of the dam would make possible a drop of 15 to 18 feet from Whittier street to tidewater

level of a large area in Melrose and a consequent rise in the use and value of the land.

The Reclamation Law was recodified in 1926 to enable a state commission to take over and reclaim a whole drainage area. This act, however, did not give power to cities and towns to act as proprietors unless the land was actually owned by the city.

To remedy this defect an amendment has been proposed which is at present in the Ways and Means Committee, with a good chance of passage.

It is not possible for Melrose to act without the cooperation of Stoneham and Malden. Boards of Health are empowered to remove mosquito nuisances within city limits but no power is given such Boards to work together with Boards of other cities and towns equally concerned. The whole matter deserves most careful consideration. The Board is preparing a recommendation which will be sent to the Board of Aldermen at an early date.

The Board would respectfully call to the attention of the Board of Aldermen the necessity of properly marking the exits from the Auditorium to the fire-escape.

Circumstances beyond the control of the Board have delayed the completion of the collaborative plan which has been the chief work of the year. It is now near completion and will soon be ready for publication.

Respectfully submitted,

EVA GUILD OSGOOD, *Chairman*

Report of Police Department

Albert M. Tibbetts, Mayor, Melrose, Mass.

Dear Sir:

In accordance with Chapter 29 of the Revised Ordinances I respectfully submit the annual report of the Melrose Police Department for the year ending December 31, 1928.

POLICE SIGNAL SYSTEM

Number of duty calls reported	41,108
Number of telephone calls	3640
Number of wagon calls	122
Number of ambulance calls	201

I again respectfully recommend that police boxes and red lights be installed at corner of Burrell and Elm Streets, Upham and Waverly Avenue, Spear and Hancock Streets. Owing to the growth of the vicinities of the proposed boxes I believe them necessary to properly protect these districts.

SPOT LIGHTS

I recommend the installation of a spot light at the corner of Main and Grove Streets.

MOTOR VEHICLES

One G. M. C. combination and patrol wagon.

One Packard ambulance.

One Packard Sedan

Four Harley Davison motorcycles. Two in good condition, two about worn out.

CONCLUSION

For the purpose of further increasing the efficiency of the police department to give more and better protection to the citizens and their property and to the children to and from school at the most dangerous crossings and to more systematically enforce the traffic regulations I respectfully request that five additional officers be added to the regular force. With the growing population and a number of new developments going on I feel that the present force is inadequate to meet all the reasonable demands being made upon it.

I respectfully recommend that a garage suitable to the need of the police department be erected on a site as near as possible to our station.

The necessity of such a building is apparent to everyone. With the addition of the new Packard ambulance it makes a total of seven pieces of motor apparatus.

Our present quarters only take care of patrol wagon, Packard sedan and four motor cycles. Chief Newman has given permission to use temporarily certain space on the main floor of fire headquarters to park the ambulance.

The continual driving in and out of motors during the night does disturb the fire department and the constant encroachment by this department of their quarters reduces the efficiency and causes irritation. I certainly hope that this request meets with your approval and the Board of Aldermen take some favorable action soon.

Respectfully submitted,

LOUIS B. HEATON, *Captain in Charge*

Report of Registrars of Voters

To His Honor the Mayor,
and the Honorable Board of Aldermen.

Gentlemen:

The Board of Registrars of Voters respectfully submit their annual report of the year ending December 31st, 1928.

During the year four elections were held.

Presidential Primary, April 24th, 1928, State Primary, Sept. 18th, 1928, State Election, Nov. 6th, 1928 and City Election Dec. 11th, 1928.

Eighty-four Regular Sessions of the Registrars were held during the year, viz.:—

Fifty sessions for registration of Voters, i. e., Eighteen evening and 32 day sessions.

Fifteen sessions for certification of nomination papers; Nine sessions for compiling July List; Four sessions for verifying absentee voters' applications; Four sessions Election days and evenings. Two recount sessions.

Registration by Precincts. Presidential Primary, April 24th.

Wards	1	2	3-1	3-2	4	5	6	7-1	7-2	Totals
	1160	1548	654	573	1163	1014	1282	980	209	8573
After revision of the annual register of 1928										
	1097	1438	647	539	1121	961	1189	928	197	8117
Registration at State Primary, Sept. 18th										
	1348	1800	764	715	1319	1270	1441	1163	253	10073
Registration at State Election, Nov. 6th										
	1549	2102	875	870	1527	1526	1729	1345	309	11832
Registration at City Election, Dec. 11th.										
	1549	2097	876	872	1529	1530	1727	1345	308	11833

The July List of 231 names, copies of which were sent to the various courts.

A total of 6566 names was certified on nomination papers.

Recount of votes cast for Senator at the State Primary resulted in a net gain of 17 for Goodwin over Bliss.

Recount of votes cast for Governor at State Election resulted in a net gain of 14 for Cole over Allen.

With a registration of new voters in excess of 3700 during the year, much detail was encountered in providing printers' copy and reading proof for the annual register and voting lists.

Questionnaires for July service were sent to 283 citizens and replies of same were received and placed on file.

The many legal requirements for printing and posting notices and voting lists and party enrollment were executed.

Respectfully submitted,

EDWIN L. CRAGIN, *Chairman*
JOHN J. KEATING
CHARLES E. HOLT
VICTOR C. KIRMES, *Clerk*

Report of Sealer of Weights and Measures

To His Honor the Mayor and the Board of Aldermen.
Gentlemen:

I have the honor to submit to you the annual report for 1928 of the Weights and Measures Department.

Year Ending December 31, 1928

WEIGHING AND MEASURING

	Adjusted	Sealed	Not Sealed
Platform over 5000 lbs.		4	
Platform under 5000 lbs.		34	
Counter scales		27	
Beam scales		39	1
Spring scales	7	84	
Computing scales	2	52	
Personal weighing scales		7	
Prescription scales		13	
Weights, avoirdupois		296	
apothecary		97	
metric		23	
Liquid measures		88	
Gasolene pumps		62	2
Yard sticks		16	
	9	842	3
Quantity measures on pumps	76	310	
	85	310	
	85	1152	3

INSPECTIONS

Stores	41
Peddlers	27
Transient Venders	1
Peddlers' scales	15
	84

COST OF DEPARTMENT, 1928

Salaries and Wages

Appropriation	$1,000.00
Expended	
Sealer's Salary	1,000.00

Other Expenses

Appropriation		$150.00
Expended:		
Stationery and Office Supplies	$5.50	
Miscellaneous	4.43	
Plates and badges	7.73	
Convention expenses	35.04	150.00
Transportation	97.30	

Amounts Collected, Paid to City Treasurer

License fees	$120.00
Fees for badges and plates	12.00
Sealing fees	100.90
Total	$232.90

Respectfully submitted,

WESLEY H. MURRAY, *Sealer*

Report of Soldiers' Relief Department

To His Honor, Mayor Albert M. Tibbetts,
and the Honorable Board of Aldermen,
Melrose, Massachusetts.

Gentlemen:—

I most respectfully submit the following report for the State Aid, Military Aid, Soldiers' Burial and Soldiers' Relief Departments for the year 1928.

State Aid	$990.00	—Refunded by the State.
Military Aid	15.00	—Refunded by the State.
Soldiers' Burial	99.00	—Refunded by the State.

Soldiers' Relief:—

Expended		Appropriated	
Cash payments	$5,735.13	February 1928	$7,000.00
Groceries	900.00	October 1928	1,000.00
Milk	401.69		
Clothing	9.00		$8,000.00
Shoes	22.00		
Fuel	948.10		
Medicine and Doctors	72.37		
Dentist	3.00		
Rent	18.00		
	$8,109.29		
Refund from other cities	126.71		
	$7,982.58	Expended	$7,982.58
		Total balance	$17.42
Other Expense	$94.58	Other Expense, Appropriated February 1928	$100.00
		Expended	94.23
		Total balance	$5.77

Respectfully submitted,

MARY A. KENAH, *Agent*

Report of Wire Department

To the Honorable Mayor and Board of Aldermen,
Melrose, Mass.

Gentlemen:

I respectfully submit the following report of the Wire Department for the year ending December 31, 1928.

FIRE ALARM SYSTEM

One thousand five hundred and six inspections of box movements were made making the necessary adjustments.

All boxes were painted one coat of Fire Alarm Red.

Three new boxes were installed at the following locations, Wentworth and Pilgrim Roads, corner Crest Avenue and Garlant Street and the corner of East Highland and Hesseltine Avenues.

Twelve miles weatherproof wire has been pulled in to replace old.

Two hundred and six cross-arms have been replaced.

The Mutual Aid System was installed inter-connecting the Fire Alarm Systems of Malden and this city.

POLICE SIGNAL SYSTEM

Three police boxes were installed at the following locations, corner of Ashland Street and Richardson Road, Wentworth and Pilgrim Roads, and the corner of Spear and Park Streets.

Eight hundred and ten inspections of box movements were made replacing twenty-five finger springs.

Six miles of weatherproof wire was run and old taken down. One hundred and seven four-pin and thirty-four six-pin arms were replaced with new.

INSPECTIOR OF WIRES

Seventeen hundred and twenty requests were received for inspections, the total number made was three thousand and nine, and issuing twelve hundred permits to the Malden Electric Co. allowing current to be turned on.

RECOMMENDATIONS

That five fire and five police boxes be added to the systems this year.

That new equipment be purchased for Fire Alarm Headquarters and be installed in a fireproof building.

That the city wires on Main St. from Porter St. to the Wakefield line be pulled in underground.

Respectfully submitted,

FRED A. EDWARDS,
Inspector of Wires

Report of Fence Viewers

To His Honor, Mayor Albert M. Tibbetts
and the Honorable Board of Aldermen,
Melrose, Massachusetts.

Gentlemen:—

Please find herein the report of the Board of Fence Viewers for the year 1928.

In the matter of the Petition of Alice Dill for a hearing for the assessment of the cost of a division line fence erected by said Alice Dill between her property and that of Meyer Dana and several other adjoining owners, before petitioning to the said Board of Fence Viewers for the allowance of the erection of said fence, the Board considering the petition for assessment of damages and after a lengthy hearing and careful consideration of the matter decreed:—

Against the Petitioner.

This is the only petition presented to the Board in the year 1928.

Very respectfully yours,

MELROSE BOARD OF FENCE VIEWERS
By Daniel J. Lucey,
Chairman of the Board

Report of Sinking Fund Commission

To His Honor the Mayor, and Board of Aldermen.

Gentlemen:—

We submit herewith our report of the Sinking Fund Commission for the financial year ending December 31, 1928.

Yours respectfully,

EDWARD J. KITCHING
FRANKLIN P. SHUMWAY
HENRY N. ANDREWS
Commissioners of the Sinking Fund

CONSOLIDATED SINKING FUNDS

	Cash	Securities	Total
On hand January 1, 1928	$46,017.96	$78,500.00	$124,517.96
On hand December 31, 1928	67,465.32	62,500.00	129,965.32

Receipts

Securities matured or sold:		
Fitchburg R. R. Bonds, May 1, 1928	$17,000.00	
U. S. Gov. 3rd 4¼ Bonds, Sept. 15, 1928	4,000.00	
Interest on Investments	5,586.89	
Cash on hand January 1, 1928	46,017.96	
Total		$72,604.85

Payments

To purchase, City of Akron, Bonds	$5,000.00	
Premium paid on Bonds purchased	92.00	
Accrued interest paid on Bonds and Certificates	40.03	
Safe Deposit box	7.50	
Cash on hand December 31, 1928	67,465.32	
Total		$72,604.85

Recapitulation

Cash	$67,465.32	
Securities	62,500.00	
		$129,965.32
Sinking Funds:		
Sewer Loan	$35,355.03	
School Loan	94,610.29	
		$129,965.32

FUND ACCOUNTS

Sewer Loan Sinking Fund

Balance January 1, 1928	$33,884.24	
Apportionate earnings	1,470.79	
Balance in Fund, December 31, 1928		$35,355.03

School Loan Sinking Fund

Balance January 1, 1928	$90,633.72	
Apportionate earnings	3,976.57	
		$94,610.29

SECURITIES HELD IN THE SINKING FUNDS

December 31, 1928

$10,000	City of Clinton, Mass.	3½%	July 1, 1930
1,000	City of Los Angeles, Cal.	4½%	June 1, 1932
1,000	City of Los Angeles, Cal.	4½%	June 1, 1942
8,000	Boston & Albany R. R. Co.	4%	May 1, 1933
10,000	Boston & Maine R. R. Co.	4½%	Apr. 1, 1929
500	Boston Elevated R. R. Co.	4%	May 1, 1935
2,000	Boston Elevated R. R. Co.	4½%	Oct. 1, 1937
15,000	Boston Elevated R. R. Co.	4½%	Nov. 1, 1941
3,000	C. B. & Q. R. R. Co.	3½%	July 1, 1949
5,000	Portland Terminal	4%	July 1, 1961
5,000	City of Akron, Ohio	4½%	Sept. 1, 1937
2,000	U. S. Gov. Liberty Loan	4¼%	Oct. 15, 1938

DISPOSITION OF CASH BALANCE

Melrose Savings Bank	$10,000.00
Charlestown Five Cents Savings Bank	6,075.00
Malden Savings Bank	6,025.00
Cambridge Savings Bank	6,000.00
Chelsea Savings Bank	4,000.00
Quincy Savings Bank	3,000.00
Abington Savings Bank	3,000.00
City Inst. for Savings, Lowell	3,000.00
Melrose Cooperative Bank, Certificate of Deposit	3,000.00
Merchants' " " " " "	2,000.00
Suffolk " " " " "	2,000.00
Volunteer " " " " "	2,000.00
Malden " " " " "	2,000.00
Winter Hill " " " " "	2,000.00
Watertown " " " " "	2,000.00
Whitman " " " " "	2,000.00
Everett " " " " "	1,000.00
Old Colony Corporation " " "	8,000.00
Melrose Trust Company	365.32
	$67,465.32

Respectfully submitted,

S. HOMER BUTTRICK,
Treasurer

Report of Public Works Department

ORGANIZATION—1928

Engineer and Superintendent

FRANK EMERSON

Division Assistants

Engineering Division:	CHARLES F. WOODWARD	In charge
	EDWIN H. KING	Transitman
	DONALD A. McBETH	Rodman
	KENNETH S. ULM	Rodman
Highway Division:	WALTER J. LORD	In charge
Sewers and Drains:	ALBERT J. WAGHORNE	In charge
Water Division:	JAMES McTIERNAN	In charge

Office Assistants

Chief Clerk:	M. Eileen Dunlay
Bookkeeper:	Enos R. Pye
Asst. Bookkeeper:	Janette K. Bowie
Timekeeper:	Patrick G. DeCourcy

To the Honorable Mayor and Board of Aldermen.

Gentlemen:

The Engineer and Superintendent of Public Works hereby submits his annual report showing the operation, expenditures and a brief summary of the work done by the Public Works Department for the year ending December 31, 1928.

This department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street cleaning, moth suppresssion, collection of ashes and garbage, street signs, house numbering, and all work connected with the sewer, surface drainage and water systems, all engineering work relating to above, care of City Hall, placing of insurance on city property, and construction of all new public buildings.

Contracts have been let for the construction of granolithic sidewalks, edgestones, sewer and water pipe, tar and sand, collection of rubbish and the new fire station at Melrose and Tremont Streets.

The activities of the department were along the same lines practically as those of 1927. No major projects were carried out, but the extensions in the different divisions of the department were greater than ever before in the history of the city. This was evidenced by the fact that the entire department was kept intact until after the first of January 1929.

Under the supervision of this department a new fire station was erected on land purchased from the Boston & Maine Railroad at the corner of Tremont and Melrose Streets. This station is of the bungalow type with brick superstructure, concrete foundations, and granite underpinning. It contains a large apparatus room, rooms for the captain and lieutenant, a recreation room and six sleeping rooms. In the basement there are boiler room, repair shop and hose drying room. The building was finished in December and was turned over to and is now occupied by the Fire Department.

A radical change has been made in the disposal of garbage. In previous years the method had been to advertise for bids and award the contract to the highest bidder. No bids were called for during 1928, and the department disposed of the garbage to buyers who called for it at the yard on Tremont Street. During 1927 the amount collected under the contract system was $506.40, while during 1928, under the new system, the receipts were $3,063.25.

The 8-in. cement pipe on Washington Street from Gould Street to Goodyear Avenue was replaced by 10-in. cast iron. This was practically the only replacement during the last four years, the efforts of the department having been taxed to the utmost to keep abreast of the requirements for new mains caused by extensive building operations in undeveloped sections of the city. There is still quite an amount of cement lined pipe in the city which will have to be replaced, both from the standpoint of economy and from the demands of the underwriters.

I desire to call your attention to the necessity for the replacement of old, worn-out meters. The City of Melrose started to meter its water supplies during 1908 and a great many of these meters are still in service. Since twenty years is considered a good life for the average meter, it is safe to assume, and has been actually demonstrated during the past year, that a great many of the old meters are worn-out and are not registering the entire flow of water passing through them. The city depends upon the registration of these meters for the maintenance of the water division, and it is more to advantage to replace the old meters than to try to replace old, worn-out parts.

It has never been the custom in the past in Melrose to make a general inspection of meters. During the past year the city has been divided into districts and it is the intention now that at least once in four years every meter in the city will have been removed and examined, any necessary cleaning done or repairs made, and the meter replaced. During 1928 three hundred and thirty-one meters were removed and of this number it was found necessary to replace eighty-five.

Twelve new hydrants were installed during the year. There is now a total of four hundred forty-one hydrants in service, which are frequently inspected both by the Fire Department and by the Water Department. All repairs are made by the Water Department. If any hydrants are found frozen during the winter, and this frequently happens, they are thawed out very quickly with a portable thawing device.

The playgrounds of the Winthrop School on First Street were graded

and rolled and a coat of non-asphaltic oil was applied. The application of this oil has been found to be very successful, as it has not only acted as a dust layer, but it has been a binder of the surface as well.

All the elm, poplar and linden trees in the city were sprayed with a solution of arsenate of lead to prevent the spread of the different moth pests. Considerable satin moths were found; the gypsy moth is not prevalent and the city is extremely fortunate in being free from the brown tail moth. As these pests multiply very rapidly once an infestation occurs, it is obvious that the work must be continued vigorously if the city is to preserve its numerous and beautiful shade trees.

Highview Avenue, Clifford Street, Maple Road and Melbourne Avenue were accepted and constructed during the year together with Thirteenth Street which was accepted late in the year 1927. Parts of Prescott, Temple and Beacon Streets were also accepted and the work of construction started, but will not be completed until some time in 1929.

WATER DIVISION

About 7800 feet of new mains were laid during the year and 2700 feet of cement pipe replaced with cast iron.

Two hundred and eighteen new services were laid and seventy-seven old iron services were renewed with lead or cement lined pipe.

Twelve additional hydrants have been set and two hydrants replaced.

One hundred seventy-four meters have been installed and twenty removed.

The following repairs and changes have been made:

1 service in private premises cleaned.
30 joints in iron mains repaired.
69 service leaks in street repaired.
44 services in street cleaned.
73 services renewed in private premises.
77 services renewed in street.
6 services abandoned.

Total Pipe Laid in the City

Length in feet ¾ inch pipe	956
Length in feet 1 inch pipe	2199
Length in feet 1½ inch pipe	1458
Length in feet 2 inch pipe	7,000
Length in feet 4 inch pipe	52,861
Length in feet 6 inch pipe	187,004
Length in feet 8 inch pipe	26,925
Length in feet 10 inch pipe	2,2813
Length in feet 12 inch pipe	23,097
Length in feet 14 inch pipe	3,024
Length in feet 16 inch pipe	5,223
Total	332,560

Length of cast iron pipe, 287,241 feet or 54.40 miles.
Length of cement pipe 45,319 feet or 8.58 miles.
Total miles 62.98.

Number of services laid	5,510
Number of meters	5,489
Number of fire hydrants	441
Number of gates on mains	903
Number of watering troughs	2
Number of drinking fountains (bubblers)	10
Number of fire services	23

WATER ASSESSMENTS AND CONSUMPTION

The annual assessments paid by the City of Melrose as its proportional part of the cost and operation of the Metropolitan Water Works for the last five years are as follows:

1924	$26,475.80
1925	25,157.89
1926	30,230.74
1927	33,535.57
1928	36,443.00

The average daily per capita consumption (gallons) of water in Melrose as recorded by the Venturi meter, operated by the Metropolitan Water Works, is shown below for the years 1924-1928:

1924	1925	1926	1927	1928
64	62	67	64	67

WATER RELAY—1928

LOCATION	Cast Iron Pipe		Pipe Abandoned			Hydrants Changed	Gates Changed	Remarks
	Size Inches	Length Feet	Size Inches	Length Feet	Kind			
Swain's Pond Ave., opp. Worth St.						1		4 in. to 6 in
Sanford St., Tappan St. to Cutter St.	6	530	6	530	Cement			
Cutter St. connection at Sanford St.	6	26	4	26	C. Iron			
Whittier St. connection at Sanford St.	6	25	6	25	Cement			
Highview Ave., Upham St. to First St.	6	396	4	396	Cement			
Pearl St.						1		4 in. to 6 in.
Washington St., Gould St. to Goodyear Ave.	10	1744	8	1744	Cement			
Washington St., Gould St. to Goodyear Ave.							2	8 in. to 10 in
Goodyear Ave., Wash. St. to Pleasant St.	10	166	8	166	C. Iron			
Goodyear Ave., Wash. St. going west	6	9	4	9	Cement			
Totals		2896		2896		2	2	

SUMMARY:

Additional 986 lin. ft. 6 in. C. Iron Pipe
1910 " " 10 " " " "
2896 Total

Abandoned
2695 lin. Ct. Cement Pipe
201 " " C. Iron Pipe
2896 Total

WATER CONSTRUCTION—1928

LOCATION	Cast Iron Pipe		Gates		Hydrants	
	Size Inches	Length Feet	Size Inches	No.	Size Inches	No.
Mt. Vernon St. Extension southerly	6	650	6	3	6	2
Woodruff Ave., Main St. westerly	6	271	6	2	6	1
Glen St., Garland St. westerly	6	395	6	1	0	0
Thurston Rd., Hesseltine Ave. easterly	6	129	6	1	0	0
Country Club Rd., Porter St. north and west	6	1162	6	4	6	2
Glendale Ave., Extension easterly	6	60				
Sanford St. at Tappan St.			6	1		
Whittier St. at Sanford St.			6	1		
Albert St. Extension westerly	6	84				
Lynn Fells Parkway, house No. 25 to No. 63	6	333				
Harding Road, Porter St. northerly	6	300	6	2	6	1
Vinton St. at hydrant opp. No. 3			6	1		
Lodge Ave. Extension westerly	6	88	6	1	6	1
E. Foster St. easterly to Highview Ave.	6	216	6	1		
Highview Ave. at E. Foster St.	6	17				
Cottage St. Extension southerly	6	24				
Damon Ave., Boardman Ave. southerly	6	163	6	1		
Lebanon St., Park St. southerly	8	194	8	1		
Arlington St. Extension southerly	6	48				
Clarendon St., Park St. southerly	6	322	6	1		
Boardman Ave. easterly to Cochrane St.	6	105				
Cochrane St., Boardman Ave. southerly	6	343	6	2	6	1
Glendale Ave., 2nd Extension easterly	6	90	6	1	6	1
Hillcrest Ave., Enmore Rd. to Norman Rd.	6	109				
Norman Rd., Hillcrest Ave., north and west	6	262	6	1		
Longfellow Rd., Glen St. to Ravine Rd.	6	605	6	3	6	1
Garland St., Wyoming Ave. southerly	6	38	6	1		
Harding Ct., Harding Rd. westerly	2	203	2	1		
Florence Ave., Beech Ave. southerly	6	220	6	1		
Norman Rd. Extension southerly	6	193	6	1	6	1
Lovell Rd., Main St. easterly	66	728	6	2	6	1
Pearl St.	6	6	6	1		
Hawthorne Ave. to street line	6	14	6	1		
Thurston Rd. Extension southerly	6	60				
Ledgewood Ave., Main St. westerly	6	144	6	1		
Derby Rd., Waverly Pl. southerly	6	200				
Goodyear Ave., Washington St. westerly			6	1		
Totals		7776		38		12

SUMMARY 2 in.— 203 lin. ft.
6 in.—7379 " "
8 in.— 194 " "

Total 7776 " "

HIGHWAY DIVISION

Beginning April 9th all the streets of the city were cleaned by the street sweeper five times, and the center of the city was swept eight times.

120,800 gallons of tar have been applied for street surface treatment.

4,045 cu. yds. of sand have been used to cover surface tar application.

224 cu. yds. of loam have been used in the construction of grass plots adjoining granolithic walks.

2,935 sq. yds. of sodding have been laid.

2,613 cu. yds. of stone have been used to resurface streets.

26 new trees have been set out and 25 dead trees removed.

87 new street signs and 12 new danger signs at street intersections have been set.

115 sq. yds. of repairs to granolithic sidewalks and 7000 sq. yds. of repairs to tar concrete sidewalks have been made.

891 cords of garbage have been collected.

44 new driveways have been installed.

Synchronous Traffic lights were placed at Perkins Street and Warwick Road, and at Main Street and Wyoming Avenue intersections.

STREETS BUILT OR RESURFACED IN 1928

STREET		Lin Feet	Sq Yds
Thirteenth St.	Upham St. to First St.	410	957
Maple Road	Warwick Rd. to Sewall Woods Rd.	1150	2811
Clifford St.	Elm St. to Colf Grounds	1236	3021
Highview Ave.	First St. to Upham St.	400	1333
Melbourne Ave.	Glen St. to Wyoming Ave.	530	1295
Sanford St.	Cutter St. to Tappan St.	520	1386
Park St.	Lebanon St. to Spear St.	1320	3813
Lebanon St.	Park St., southerly	160	533
Cutter St.	Sanford St. to Baxter St.	300	733
Whittier St.	Sanford St. to Baxter St.	300	733
Altamont Ave.	Upham St. to End	1650	2200
	Totals	7976	18,815

There have been 15,851 linear feet of new edgestones set and 6,382 sq. yds. of granolithic sidewalks constructed, classified as either Individual or Continuous Walks.

INDIVIDUAL WALKS—1928

NAMES	STREETS	EDGESTONE		No. Blocks	GRANOLITHIC		Sodding
		Straight	Curved		Walks	Drives	
L. Garrett	669 Main St.				306.2		
W. A. Smith	663 Main St.				485.0	2.45	
W. D. Whitney	411-415 Main St.				659.4		
Ray Beaser	511-521 Main St.				816.6		
J. S. Smith	503-509 Main St.				544.6		
E. B. Atwoood	100 Meridian St.	43.3		2	265.2	99.50	110.0
F. P. Bowden	56 Vinton St.	198.1		2	2685.6	1647.80	1242.0
W. E. Casey	104 Cedar Park	63.0			281.3		170.0
C. S. Patten	243 Upham St.	52.0		2	252.5	125.40	400.0
Melrose Free Press	40 W. Foster St.				551.6	103.60	
K. W. Fellows & Co., Inc..	25-29 Upham St.	66.0	11.1	3	1098.2	255.00	
Joseph Brown	62 Tappan St.	46.0		2	247.5	79.20	
	Totals	468.4	11.1	11	8193.70	2312.95	1922.0

CONTINUOUS WALKS—1928

STREET	FROM	TO	EDGESTONE		No. Blocks	GRANOLITHIC		Sodding Sq. Ft.
			Straight	Curved		Walks	Drives	
*Thirteenth St.	First St.	Upham St.	730.0	62.5	16	3115.9	709.7	1760
*Maple Rd.	Sewall Woods Rd.	Warwick Rd.	1421.0	53.0	33			
*Highview Ave.	First St.	Upham St.	700.0	63.7	20			
*Clifford St.	Elm St.	Easterly	2285.6	94.2	55			
*Melbourne Ave.	Wyoming Ave.	Glen St.	841.7	144.4	22			
Main St., west side	Essex St.	Grant's Store				1940.5		
Argyle St., west side	Beech Ave.	North, including Ripley				996.8	345.3	655
Warwick Rd., both sides	Parkway	Top of hill				5111.7	752.0	3486
Herbert St., north side and	around Convent		150.0			2396.4		
Trenton St., east side	Alden St.	Wyoming Ave.	146.0		2	927.5	95.2	388
Whittier St., west side	Baxter St.	Sanford St.	275.0	15.8	8	1478.1	398.0	1152
Porter St., south side	Lincoln St.	School St.	255.0		4	1334.8	166.4	638
Porter St., south side	School St.	Norman Rd.	220.0	15.2	4	1120.5	155.7	522
Beech Ave., south side	Argyle St.	Whitman Ave.	165.0	14.9	4	1026.0	92.9	620
W. Wyoming Ave., south side	No. 200	Easterly to Adams St.	275.0		5	1643.3	123.0	1292
Main St., east side	No. 181 southerly	N. side Sylvan St., including No. 40	740.5	216.7	16	5119.7	981.0	3151
Adams St., west side	Wyoming Ave.	Russell St.	626.0	18.0	24			
Adams St., east side	Wyoming Ave.	Russell St.	625.0	26.0	24			
Harvard St., west side	Appleton St.	Northerly	208.0	15.7	6			
Harvard St., east side	Appleton St.	Northerly	442.0	15.7	14	1759.8	511.1	1172
Hurd St., north side	No. 19 to No. 31	Inclusive	150.0		4			
Upham St., south side	Eleventh St.	Twelfth St.	162.0		2	602.0	129.1	615
Prospect St., south side	Monroe to	Property of Wetterer	132.1	56.0				
Sargent St., east side	Highland Ave.	Northerly to No. 79	420.3		14	2530.0	550.8	1540
Lebanon St., west side	Sylvan St.	Northerly to No. 280	318.3	26.0	9			
Eleventh St., east side	Upham St.	First St.	350.7	31.4	6	1945.1	381.6	1246
Rowe St., west side	Porter St.	Emerson St.	671.6		20	3684.8	753.6	1753
Upham St., south side	Waverly Ave.	Thirteenth St.	361.3		10	1990.4	530.7	2070
First St., north side	Parker St.	Greystone Rd.	226.6	31.6	4	1335.7	197.5	823
Parker St., west side	Upham St.	Southerly	253.5		7			
Greystone Rd., west side	First St.	Northerly	222.8		4			
*Prescott, Temple and Beacon	Sts.	Not finished						
		Totals	13,375.0	900.8	337	40,059.0	6873.6	22,883

*Highway Construction—New accepted streets, 1928.

SEWER CONSTRUCTION—1928

STREET	LOCATION	Pipe		No. Manholes
		Size Inches	Length Feet	
Country Club Rd.	Larchmont Rd. to Porter St.	8	1224	8
Florence Ave.	Beech Ave. to Harold St.	8	460	2
Felicia Rd.	Longfellow Rd. to Washington St.	8	275	0
Gibbons St.	Extension Westerly	8	185	2
Glendale Ave.	Extension easterly	8	82	0
Harding Court	Harding Rd. westerly	8	177	1
Jones Road	North end	8	112	0
Kingsley Ave.	Main St. westerly	8	251	1
Keniston Road	Harding Rd. westerly	8	263	1
Lodge Ave.	at Main St.	8	40	0
Longfellow Road	Ravine Rd. to Glen St	10	250	
		8	268	2
Linwood Ave.	Lebanon St. to Linwood Ave.	8	419	2
Lovell Road	Low point westerly	8	250	1
Main St. (lower)	Woodruff Ave. northerly	10	968	
		8	132	6
Pilgrim Road	Jones Rd. easterly	8	200	1
Porter St.	Ardsmoor Rd. easterly	8	175	1
Ryder Ave.	Gibbons St. southerly	8	314	1
Thurston Road	Hesseltine Ave. easterly	8	250	2
Woodruff Ave.	at Main St.	10	40	0
Harding Road	Burrell St. southerly	8	472	3
Right of Way	Trunk sewer to Larchmont Rd.	8	582	2
	Totals		7389	36

SUMMARY

6,131 lin. feet 8 inch pipe
1,258 lin. feet 10 inch pipe
7,389 feet total for 1928
36 manholes
188 house connections

SEWERAGE SYSTEM AS OF DECEMBER 13, 1928

Number of feet of 6 inch pipe	135,501
Number of feet of 8 inch pipe	76,052
Number of feet of 10 inch pipe	21,492
Number of feet of 12 inch pipe	12,308
Number of feet of 15 inch pipe	4,729
Number of feet of 18 inch pipe	5,930
Number of feet of 20 inch pipe	2,788
Number of feet of 24 inch pipe	1,213
Number of feet of 18x20 inch brick	3,035
Number of feet of 20 inch brick	111
Number of feet of 24 inch brick	28
Total number of feet in length of sewers	263,178

or 49.84 miles, 2.40 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by the Act of the Legislature, Melrose is permitted to use these in the same manner as local sewers.

SURFACE DRAINAGE CONSTRUCTION—1928

STREET	LOCATION	Pipe		No. Manholes	No. Catch Basins
		Size Inches	Length Feet		
Ashburton Pl.	culvert at brook crossing	*48	33	0	0
Beacon St.	Culvert at brook crossing	18	65	1	
		12	268		4
Beach St.	Culvert at brook crossing	*18	40	0	0
Lebanon St.	opposite Hospital	10	200	0	0
Lebanon St.	At Laurel St.	10	40	0	2
Linwood Ave.	Brook Linwood Ave. to Lebanon St.	24	493	3	
		18	350	2	0
Lower Main St.	East side on Private land	8	300	0	2
Sanford St.	Catch basins only	0	0	1	3
Trenton St.	Northerly at brook	*30	112	1	0
Trenton St.	Wyoming Ave. northerly	8	62	0	0
Wyoming Ave.	Waverly Place easterly	15	108	0	0
Clifford St.	Elm St. easterly to low point	12	198	0	2
		*12	175		
Clifford St.	Right of way at easterly end	12	110	0	2
Maple Road	Additional C. Basins				3
BROOKS	WALLS AND COVERING				
E. Emerson St.	Northerly 86 feet covered				
E. Foster St.	Northerly 135 feet covered				
Pleasant St.	Extension westerly 92 feet covered				
Upham St.	Northerly 132 feet covered				
W. Wyoming Ave.	Northerly, north side, 165 feet wall built				
Ell Pond	East side, 2000 feet wall built				
	Totals		2554	8	18

*Toncon corrugated Iron Pipe

SUMMARY—1928

2,194 feet Akron Pipe
360 feet Iron Pipe
445 feet Concrete Conduits
165 feet Stone Walls at Brooks
8 Manholes
18 Catch Basins
200 feet Stone Wall at Ell Pond

IMPROVED DRAINAGE SYSTEM AS OF DECEMBER 31, 1928

8 inch Akron Pipe	1,225 lin. ft.
10 inch Akron Pipe	6,092 lin. ft.
10 inch Iron Pipe	220 lin. ft.
12 inch Akron Pipe	37,918 lin. ft.
12 inch Iron Pipe	645 lin. ft.
15 inch Akron Pipe	19,238 .in. ft.
16 inch Akron Pipe	284 .in. ft.
16 inch Iron Pipe	1,238 lin. ft.
18 inch Akron Pipe	8,218 lin. ft.
18 inch Iron Pipe	1,202 lin. ft.
20 inch Akron Pipe	6,232 lin. ft.
20 inch Iron Pipe	556 lin. ft.
24 inch Akron Pipe	3,076 lin. ft.
24 inch Iron Pipe	524 lin. ft.
30 inch Iron Pipe	662 lin. ft.
36 inch Iron Pipe	450 lin. ft.
48 inch Iron Pipe	33 lin. ft.
Brick Conduit	659 lin. ft.
Concrete Conduit	9,829 lin. ft.
Number of manholes	428
Number of concrete culverts	9
Number of catch basins	735
Total length of improved surface drainage	18.60 miles

I wish to express my sincere thanks to His Honor, the Mayor, the Board of Aldermen, and to all the employees of this Department for their co-operation in the year's work.

Respectfully submitted,

FRANK EMERSON,
Engr. and Supt. Public Works

STATISTICS

of

CITY OF MELROSE, MIDDLESEX COUNTY

MASSACHUSETTS

Location			7 miles north of Boston
Population April 1, 1928			23,099
Number of voters			11,833
Greatest extent of City north and south			2.44 miles
Greatest extent of City east and west			2.95 miles
Valuation of real estate			$31,054,750.00.
Valuation of personal property			$3,526,450.00
Tax Rate per thousand			31.60
Area of City	Land	3,079.50 acres	
	Water	35.50 acres	
	Water	35.50 acres	3,115 acres
Length of Public Streets			54.91 miles
Length of Private Streets			19.85 miles
Total length of water mains			74.76 miles
Total length of sewers			49.84 miles
Range of pressure on mains from			100 to 23 lbs.
Number of 250 candlepower incandescent lights			43
Number of 60 candlepower incandescent lights			873
Number of luminous arcs, all night		61	
	to midnight	21	82

Areas of Parks:

Lincoln School Playground	1.60 acres
Horace Mann Playground	.60 acres
Messenger's Meadow Playground	2.89 acres
Melrose Common	4.4 acres
Sewall Woods Park	9.0 acres
Ell Pond Park	34.41 acres
Pine Banks Park	81.8 acres
Middlesex Fells	170.0 acres
Area of Wyoming Cemetery	43.5 acres
Bowden Park	.62 acres

Elevation Main Street at City Hall.....61 feet above mean low tide

Elevation Franklin Square.....85 feet above mean low tide.

FINANCIAL STATEMENT

PUBLIC WORKS DEPARTMENT, 1928

WATER CONSTRUCTION

Balance 1927		$397.33	
Order No. 18395		35,000.00	
Order No. 18846		3,200.00	$38,597.33
	Expended		
Meters:			
New	$1,886.82		
Installation	350.76	2,237.58	
Services		8,166.61	
Main Line		27,942.04	38,346.23
Balance			$251.10

COST OF WATER SYSTEM

Construction to January 1, 1928	$705,819.24	
Construction 1928	38,346.23	
Cost of System to December 31, 1928		$744,165.47

INSIDE SERVICE CHARGES

Cash Receipts		$11,969.45	
Less			
Overdraft 1927	$769.01		
Cash Refunds	2,928.72	3,697.73	$8,271.72
	Expended		
Labor		$4,055.32	
Stock, teams and overhead		6,113.78	
Invoices		8.70	10,177.80
Overdraft			$1,906.08

NEW WATER METERS

Budget	$1,000.00
Expended	
Invoices	$1,000.00

WATER MAINTENANCE

Budget		$20,000.00	
Receipts		121.52	
		$20,121.52	
Less:			
Order No. 18846		2,000.00	$18,121.52
	Expended		
Overhead:			
Salaries and Wages	$2,611.52		
Expense	3,418.28		
	$6,029.80		
Less:			
Credits received	5,326.98	702.82	
Stock:			
Yard Expense	1,037.57		
Purchases	16,177.65		
	$17,215.22		
Credits	18,785.92		
Credit from stock on hand Jan. 1, 1928		1,570.70	
Hydrants		895.30	
Main Line		1,938.89	
Meters:			
Read	$1,799.42		
Remove and Repair	2,390.94	4,190.36	
Relay Mains		5,803.70	
Services		5,589.26	17,549.63
Balance			$571.89

HIGHWAY REPAIRING

Balance 1927		$1,074.23	
Budget		25,000.00	
Receipts		5,911.55	
Less:		$31,985.78	
Refunds	$17.19		
B. of A. Orders	3,541.00	3,558.19	$28,427.59

	Expended		
Overhead:			
Salaries and Wages	$724.08		
Expense	3,554.39		
	$4,278.47		
Credits	7,952.65		
Credits from Equipment on hand January 1, 1928		$3,674.18	
Material:			
Purchases	$5,201.26		
Credits	5,303.09		
Credit from Material on hand January 1, 1928		101.83	
Gravel Walks		384.26	
Street Cleaning		687.30	
Guard Rail and Fencing		741.41	
Minor Repairs		3,324.12	
Street Sprinkling		2,804.43	
Tar Patching		13,251.64	
Minor Charges		5,287.97	
Repairs by Streets (listed below)		5,354.99	28,060.11
Balance			$367.48

REPAIRS BY STREETS

Lebanon Street	$1,243.04	
Altamont Avenue	42.46	
Union Street	32.84	
Ryder Avenue	52.85	
Swain's Pond Avenue	188.05	
Porter Street	12.25	
Essex Street	40.07	
Summit Avenue	461.10	
Sanford Street	2,412.74	
Marvin Road	33.73	
Cottage Park	22.87	
W. Wyoming Avenue	161.91	
Spear Street	13.44	
Upham Street	637.64	$5,354.99

HIGHWAY CONSTRUCTION

Balance 1927	$2,901.46	
Budget	8,194.25	
Bond Issue	26,000.00	
Unexpended balances	13,364.79	
	$50,460.50	
Less:		
B. of A. Orders	55,775.00	
Overdraft		$5,314.50
Expended		
Labor	$612.70	
Stock, Teams and Overhead	272.36	
Invoices	124.46	1,009.52
Overdraft		$6,324.02

HIGHWAY CONSTRUCTION ON ORDERS

Thirteenth Street

B. of A. Order No. 17459-B		$7,600.00
Expended		
Labor	$945.11	
Stock, teams and overhead	3,088.86	
Invoices	820.35	4,854.32
Balance		$2,745.68

Dyer Avenue

B. of A. Order No. 18381-A		$3,605.00
Expended		
Invoices		4.82
Balance		$3,600.18

Temple, Beacon and Prescott Streets

B. of A. Order No. 18224-A		$20,102.00
Expended		
Labor	$2,772.99	
Stock, teams and overhead	1,074.76	
Invoices	793.28	4,641.03
Balance		$15,460.97

Maple Road

B. of A. Order No. 17583-A		$8,997.00
Expended		
Labor	$2,275.88	
Stock, teams and overhead	2,803.89	
Invoices	1,486.16	6,565.93
Balance		$2,431.07

Pine Street

B. of A. Order No. 18696-A		$2,064.00
None Expended		

Melbourne Avenue

B. of A. Order No. 18244-A		$3,377.00
Expended		
Labor	$924.57	
Stock, teams and overhead	1,457.58	
Invoices	318.66	2,700.81
Balance		$676.19

Clifford Street

B. of A. Order No. 17826-A		$12,249.00
Expended		
Labor	$2,768.03	
Stock, teams and overhead	5,353.86	
Invoices	2,679.77	10,801.66
Balance		$1,447.34

Wentworth Road

Balance 1927	$10,014.14	
Less:		
To General Account	8,963.13	$1,051.01
Expended		
Labor	$862.56	
Stock, teams and overhead	63.47	
Invoices	124.98	1,051.01

Union Street

Balance 1927	$5,043.85	
Less—		
To General Account	4,401.66	$642.19

Expended		
Labor	$20.84	
Stock, teams and overhead	621.35	642.19

Highview Avenue

B. of A. Order No. 18023-A		$5,381.00
Expended		
Labor	$2,140.66	
Stock, teams and overhead	2,047.33	
Invoices	1,268.73	5,456.72
Overdraft		$75.72

Greenwood Street Proposed Extension

Balance 1927		$82.31
None Expended.		

Steam Roller

Balance 1927		$3,509.21	
Receipts from use		1,505.05	
		$5,014.26	
Less:—			
B. of A. Order No. 18844		3,400.00	$1,614.26
Expended			
Hired Roller		197.20	
Repairs:—			
Labor	$210.21		
Overhead	31.53		
Parts	62.22	303.96	
Fuel		190.68	
Oil and Grease		16.28	708.12
Balance			$906.14

Purchase of Tandem Road Roller

B. of A. Order No. 18844	$3,400.00
None Expended.	

NEW CITY STABLES

Balance 1927	$407.51
None Expended.	

STABLES ACCOUNT

Budget	$2,000.00	
Receipts from use	13,528.03	$15,528.03
Expended		
Hay, grain and feed	$4,215.92	
Heat, light and repairs	111,9.02	
Wagon care	1,647.33	
Harness care	139.50	
Horse care and shoeing	884.73	
Supplies	49.27	
Telephone	49.89	
Liability Insurance	145.29	
Labor	6,143.74	
Sundries	341.23	14,735.92
Balance		792.11

AUTOMOTIVE EQUIPMENT

Budget	$2,000.00	
Receipts	201.33	
Receipts from use	13,794.49	$15,995.82
Expended		
Gasoline	$2,501.37	
Repair and parts	2,367.06	
Supplies	493.60	
Garage rent	168.00	
Tires and tubes	896.67	
Battery care	205.91	
Alcohol, oil and grease	546.65	
Telephone	43.60	
Mechanic	3,886.52	
Sundries	2,366.80	13,476.18
Balance		$2,519.64

CROSSWALKS AND PAVING

Budget		$2,500.00
Expended		
Labor	$1,052.93	
Stock, teams and overhead	1,434.19	2,487.12
Balance		12.88

STREET SPRINKLING

Budget	10,000.00	
Receipts	277.93	10,277.93
Expended		
Labor	564.02	
Stock, teams and overhead	3,479.43	
Invoices	6,233.32	10,276.77
Balance		$1.16

(54,775 Gal. Tar used.)

STREET LIGHTING

Budget	$34,235.00	
Receipts	180.00	34,415.00
Expended		
Invoices		$32,871.41
Balance		$1,543.59

SNOW REMOVAL AND SANDING

Balance 1927	312.30	
Budget	4,000.00	
Supplementary Budget	2,000.00	$6,312.30
Expended		
Plowing	5,450.07	
Sanding	1,677.87	
Overhead	732.17	
Sundries	677.26	8,537.37
Overdraft		$2,225.07

SNOW PLOW AND TRACTOR

Balance 1927	136.45

None Expended.

STREET SIGNS AND NUMBERS

Budget	$1,000.00	
Order No. 18784	200.00	$1,200.00
Expended		
Labor	301.26	
Stock, teams and overhead	128.33	
Invoices	759.64	1,189.23
Balance		10.77

TRAFFIC PAINTING

Budget		400.00
Expended		
Labor	12.57	
Stock, teams and overhead	2.37	
Invoices	112.77	127.71
Balance		272.29

TRAFFIC SIGNS

Supplementary Budget		$500.00
Expended		
Labor	44.34	
Stock, teams and overhead	16.08	
Invoices	348.88	409.30
Balance		$90.70

INSURANCE

Budget	$7,500.00	
Order No. 18776	300.00	
Receipts	128.50	$7,928.50
Expended		
Invoices		7,825.73
Balance		$102.77

VACATIONS

Budget		$8,000.00
Expended		
Payrolls		7,889.26
Balance		$110.74

PENSIONS

Budget	$11,858.00	
Order No. 18846	241.00	12,099.00
Expended		
Payrolls		12,078.40
Balance		$20.60

PURCHASE OF F. E. ELLIS PROPERTY

Balance 1927		$96.98
Expended		
Stock, teams and overhead	$8.50	
Invoices	6.02	14.52
Balance		$82.46

PURCHASE LAND OF GAREY

Order No. 18694	$500.00
Expended	
Invoices	500.00

NEW BUILDING CONSTRUCTION

Balance 1927	3,726.99	
Budget	8,194.25	
	$11,921.24	
Less:—		
Order No. 18801	8,194.25	3,726.99

None Expended.

CLAIM—CAROLINE E. McKENNA

B. of A. Order No. 18511	$28.00
Expended	
Invoices	28.00

CLAIM—JAMES TEDESCO

B. of A. Order No. 18155	25.00
Expended	
Invoices	25.00

CLAIM—MARY A. FITZPATRICK

B. of A. Order No. 17298	$400.00
Expended	
Invoices	400.00

CONVENTION EXPENSES—CITY ENGINEER

Supplementary Budget		$150.00
Expended		
Invoices		101.29
Balance		$48.71

CLEAR AND IMPROVE ELLIS PORPERTY

Budget		$750.00
Expended		
Labor	$297.47	
Stock, teams and overhead	103.05	400.52
Balance		$349.48

SEWER CONSTRUCTION

Balance 1927		$2,672.53	
Bond Issue		40,000.00	
Unexpended Balances		8,687.03	
Less:—		51,359.56	
B. of A. Orders		52,385.00	
Overdrawn			$1,025.44
Expended			
Overhead Expense	$5,789.25		
Credits received	9,356.67		
Credits from previous years purchases		3,567.47	
Stock Purchases	4,996.77		
Credits	4,713.67	283.10	
Private connections		172.72	3,111.60
Balance			$2,086.16

PRIVATE SEWERS

Balance 1927		$811.74	
Receipts		14,485.83	
		$15,297.57	
Less:—			
Cash refunds		2,957.81	$12,339.76

Expended		
Labor	8,099.76	
Stock, teams and overhead	4,112.80	
Invoices	86.15	12,298.71
Balance		$41.05

SEWER MAINTENANCE

Budget		$2,500.00
Expended		
Labor	$1,893.49	
Stock, teams and overhead	561.33	2,454.82
Balance		$45.18

SEWER ASSESSMENT RECEIPTS

Receipts	$25,065.15
Expended	
B. of A. Orders	23,735.00
Balance	$1,330.15

SEWERS

Glendale Avenue

B. of A. Order No. 18675	$450.00	
Less to General Account	247.84	$202.16
Expended		
Labor	$148.18	
Stock, teams and overhead	53.98	202.16

Derby Farm

B. of A. Order No. 18059—Overdraft 1927		$1,057.89
Expended		
Labor	$1,474.08	
Stock, teams and overhead	293.78	
Invoices	106.89	1,874.75
Overdraft		$2,932.64

Linwood Avenue

B. of A. Order No. 18242		$3,346.00
Expended		
Labor	$1,508.23	
Stock, teams and overhead	447.26	
Invoices	146.45	2,101.94
Balance		$1,244.06

Main Street

B. of A. Order No. 18281		$18,654.00
Expended		
Labor	$9,431.03	
Stock, teams and overhead	2,226.30	
Invoices	1,829.10	13,486.43
Balance		$5,167.57

Longfellow Road

B. of A. Order No. 18284		$5,125.00
Expended		
Labor	$2,570.99	
Stock, teams and overhead	805.72	
Invoices	215.95	3,592.66
Balance		$1,532.34

Park Street

Balance 1927	$4,497.71	
Less to General Account	3,845.20	$652.51
Expended		
Labor	$247.53	
Stock, teams and overhead	171.74	
Invoices	233.24	652.51

Potter Street

Balance 1927	$238.39
To General Account	238.39

Harding Road

B. of A. Order No. 18217	$6,213.00	
Less to General Account	2,854.29	$3,358.71
Expended		
Labor	$2,506.44	
Stock, team and overhead	537.25	
Invoices	316.02	3,358.71

Thurston Road

B. of A. Order No. 18492	$2,400.00	
Less to General Account	345.58	$2,054.42
Expended		
Labor	$1,437.31	
Stock, teams and overhead	439.10	
Invoices	178.01	2,054.42

Mystic Avenue

B. of A. Order No. 18306	$2,872.00	
Less to General Account	864.08	2,007.92
Expended		
Labor	$1,391.78	
Stock, teams and overhead	445.07	
Invoices	171.07	2,007.92

Harding Court

B. of A. Order No. 18695	$900.00	
Less to General Account	291.65	$608.35
Expended		
Labor	$447.74	
Stock, teams and overhead	98.70	
Invoices	61.91	608.35

Washington Street

B. of A. Order No. 18283 ..... $3,158.00

None Expended.

Jones Road

B. of A. Order No. 18556		$5,225.00
Expended		
Labor	$666.20	
Stock, teams and overhead	175.12	
Invoices	140.24	981.56
Balance		$4,243.44

Country Club Road

B. of A. Order No. 18732		$1,200.00
Expended		
Labor	$696.64	
Stock, teams and overhead	206.93	
Invoices	84.10	987.67
Balance		$212.33

Felicia Road

B. of A. Order No. 18282		$2,100.00
Expended		
Labor	$1,500.38	
Stock, teams and overhead	262.19	
Invoices	86.19	1,848.76
Balance		$251.24

Florence Avenue

B. of A. Order No. 18733		$3,570.00
Expended		
Labor	$1,350.28	
Stock, teams and overhead	405.79	
Invoices	116.28	1,872.35
Balance		$1,697.65

Country Club Road

B. of A. Order No. 18765		$2,175.00
Expended		
Labor	$891.36	
Stock, teams and overhead	157.44	
Invoices	100.67	1,149.47
Balance		$1,025.53

Lovell Road

B. of A. Order No. 18746		$2,200.00
Expended		
Labor	$1,362.32	
Stock, teams and overhead	353.63	
Invoices	199.40	1,915.35
Balance		$284.65

Pilgrim Road

B. of A. Order No. 18184		$3,280.00
Expended		
Labor	$1,009.69	
Stock, teams and overhead	222.92	
Invoices	235.40	1,468.01
Balance		$1,811.99

Country Club Road

B. of A. Order No. 18450		$12,552.00
Expended		
Labor	$9,111.22	
Stock, teams and overhead	2,502.40	
Invoices	982.02	12,595.64
Overdraft		$43.64

Porter Street

B. of A. Order No. 18766		$700.00
Expended		
Labor	$433.37	
Stock, teams and pverhead	115.50	
Invoices	26.62	575.49
Balance		$124.51

COST OF SEWERAGE SYSTEM

Cost of system to December 31, 1927	$726,502.53	
Expended 1928	50,222.55	
Cost of System to December 31, 1928		$776,725.08

SURFACE DRAINAGE CONSTRUCTION

Balance 1927		$27.61	
Bond Issue		15,000.00	
Receipts		675.70	
Order No. 18802		8,194.25	$23,897.56
	Expended		
Ell Pond Brook:			
E. Emerson St.	$656.50		
Upham St.	745.83		
E. Foster St.	772.01	$2,174.34	
Spot Pond Brook:			
Pleasant St.	$1,465.55		
W. Wyoming Ave.	165.78	1,631.33	
Lebanon Street		795.00	
Wall at Ell Pond		675.62	
Lincoln School		12.05	
Tremont Street		1,660.32	
W. Wyoming Avenue		1,979.84	
Washington Street		434.18	
Linwood Avenue		4,429.71	
Trenton Street		455.36	
Maple Road		34.14	
Main Street		684.28	
Sundry Catch Basins		86.80	
Beech Avenue		75.26	
Laurel Street		248.57	
Vinton Street		123.97	
Beacon Street		178.34	
Sanford Street		754.71	
Oakland Street		1.02	
Ashburton Place		435.85	
Heyward Avenue		2.58	16,873.27
Balance			$7,024.29

SURFACE DRAINAGE MAINTENANCE

Budget			$5,000.00
	Expended		
Labor		$3,644.60	
Stock, teams and overhead		1,353.03	4,997.63
Balance			$2.37

COST OF SURFACE DRAINAGE SYSTEM

Cost of system to Jan. 1, 1928	$363,025.09	
Expended 1928	16,873.27	
Cost of system to December 31, 1928		$379,898.36

CLEANING BROOKS

Budget		$1,000.00
Expended		
Labor	$904.23	
Stock, teams and overhead	79.74	983.97
Balance		$16.03

CONTINUOUS WALKS

Balance 1927		$11,431.62	
Budget		8,194.25	
Bond Issue		20,000.00	
Unexpended Balances		8,497.64	
Receipts		13,940.68	
		$62,064.19	
Less:—B. of A. Orders		48,407.41	$13,656.78
Expended			
Overhead Expense	$2,247.54		
Receipts	2,407.26		
Credit from previous year's expense		$159.72	
Stock	$40,209.53		
Receipts	40,746.71		
Credit from stock on hand Jan. 1, 1928		537.18	
Sodding Expense	$4,399.22		
Receipts	4,512.28		
Credit from 1927 expense		113.06	
New Winthrop School		19.60	790.36
Balance			$14,447.14

INDIVIDUAL WALKS

Balance 1927	$116.72	
Budget	1,500.00	
Supplementary Budget	3,000.00	
Receipts	6,866.80	
	$11,483.52	
Less—Cash Refunds	535.47	$10,948.05
Expended		
Labor	$1,262.45	
Stock, teams and overhead	6,228.88	
Invoices	238.58	7,729.91
Balance		$3,218.14

REPAIR OF PRESENT WALKS

Budget	$7,000.00	
Supplementary Budget	1,000.00	
Order No. 18778	1,000.00	
Receipts	62.50	$9,062.50
Expended		
Labor	$4,512.11	
Stock, teams and overhead	2,511.56	
Invoices	2,024.70	9,048.37
Balance		$14.13

WALKS

Warwick Road

B. of A. Order No. 18118	$3,652.00	
Less to General Account	744.42	$2,907.58
Expended		
Stock		2,907.58

Argyle Street—West Side

B. of A. Order No. 18029-A	$740.00	
Less to General Account	116.76	$623.24
Expended		
Stock		623.24

Main Street—West Side

B. of A. Order No. 18707	$1,100.00	
Less to General Account	362.61	737.39
Expended		
Stock		757.39

Prospect Street—South Side

B. of A. Order No. 18555-A	$635.00	
Less to General Account	169.63	$465.37
Expended		
Labor	$166.81	
Stock, teams and overhead	298.56	465.37

Parker Street—West Side

B. of A. Order No. 18024	$732.00	
Less to General Account	230.07	$501.93
Expended		
Labor	$169.58	
Stock, teams and overhead	332.35	501.93

Rowe Street

B. of A. Order No. 17717		$4,401.00
Expended		
Labor	$393.80	
Stock, teams and overhead	2,899.99	3,295.79
Balance		$1,105.21

Lebanon Street—West Side

B. of A. Order No. 18392	$1,047.00	
From General Account	9.41	$1,056.41
Expended		
Labor	$322.67	
Stock, teams and overhead	733.74	1,056.41

Herbert Street—North Side

B. of A. Order No. 18116	$1,459.00	
Less to General Account	179.11	$1,279.89

Expended		
Labor	$144.17	
Stock, teams and overhead	1,135.72	1,279.89

Harvard Street—East Side

B. of A. Order No. 17883	$2,560.00	
Less to General Account	612.89	$1,947.11
Expended		
Labor	$224.62	
Stock, teams and overhead	1,719.69	
Invoices	2.80	1,947.11

Adams Street—East Side

B. of A. Order No. 17784	$1,872.00	
Less to General Account	367.74	$1,504.26
Expended		
Labor	$449.99	
Stock, teams and overhead	1,054.27	1,504.26

Hurd Street

B. of A. Order No. 18000	$608.00	
B. of A. Order No. 18000	$608.00	
Less to General Account	346.65	$261.35
Expended		
Labor	$69.69	
Stock, teams and overhead	191.66	261.35

Harvaed Street—West Side

B. o. . A. Order No. 18248	$742.00	
Less to General Account	354.90	$387.10
Expended		
Labor	$101.05	
Stock, teams and overhead	284.65	
Invoices	1.40	387.10

Adams Street—West Side

B. of A. Order No. 17785	$1,872.00	
Less to General Account	441.46	$1,430.54
Expended		
Labor	$415.07	
Stock, teams and overhead	1,015.47	1,430.54

Main Street

B. of A. Order No. 16913	$6,510.00	
Less to General Account	1,215.82	$5,294.18
Expended		
Labor	$839.76	
Stock, teams and overhead	4,447.42	
Invoices	7.00	5,294.18

W. Wyoming Avenue

B. of A. Order No. 17027	$2,196.00	
Less to General Account	625.83	$1,570.17
Expended		
Labor	$214.68	
Stock, teams and overhead	1,355.49	1,570.17

Greystone Road

B. of A. Order No. 17999	$666.00	
Less to General Account	231.12	$434.88
Expended		
Labor	$127.33	
Stock, teams and overhead	307.55	434.88

Boardman Avenue

Balance 1927	$768.19	
Less to General Account	546.43	$221.76
Expended		
Labor	$4.96	
Stock, teams and overhead	216.80	221.76

First Street

Balance 1927	$912.22	
Less to General Account	586.14	$326.08
Expended		
Stock		326.08

Beech Avenue—South Side

B. of A. Order No. 17966	$1,047.00	
Less to General Account	163.81	$883.19
Expended		
Labor	$113.90	
Stock, teams and overhead	769.29	883.19

Porter Street—South Side

B. of A. Order No. 18434	$1,658.00	
Less to General Account	439.19	$1,218.81
Expended		
Labor	$202.85	
Stock, teams and overhead	1,015.96	1,218.81

Whittier Street—West Side

B. of A. Order No. 17968	$1,669.00	
Less to General Account	202.76	$1,466.24
Expended		
Labor	$158.97	
Stock, teams and overhead	1,307.27	1,466.24

Trenton Street

B. of A. Order No. 17428	$927.00	
Less to General Account	94.89	$832.11
Expended		
Labor	$149.97	
Stock, teams and overhead	682.14	832.11

Porter Street

B. of A. Order No. 17992	$1,328.00	
Less to General Account	311.19	1,016.81
Expended		
Labor	$113.97	
Stock, teams and overhead	902.84	1,016.81

Upham Street—South Side

B. of A. Order No. 18240	$1,334.00	
Less to General Account	154.22	$1,179.78
Expended		
Labor	$185.40	
Stock, teams and overhead	994.38	1,179.78

Upham Street

B. of A. Order No. 18025		$3,244.00
Expended		
Labor	$240.04	
Stock, teams and overhead	1,772.54	2,012.58
Balance		$1,231.42

Eleventh Street

B. of A. Order No. 18562		$2,454.00
Expended		
Labor	$180.55	
Stock, teams and overhead	1,551.80	1,732.35
Balance		$721.65

Sargent Street

B. of A. Order No. 18057		$2,969.00
Expended		
Labor	$287.96	
Stock, teams and overhead	1,936.45	2,224.41
Balance		$744.59

First Street

B. of A. Order No. 18443		$1,642.00
Expended		
Labor	$112.65	
Stock, teams and overhead	1,143.37	1,256.02
Balance		$385.98

FORESTRY

Care of Trees

Balance 1927	$15.00	
Budget	5,000.00	
Receipts	49.79	$5,064.79
Expended		
Labor	$4,302.18	
Stock, teams and overhead	622.39	
Invoices	108.36	5,032.93
Balance		$31.86

Plant New Trees

Balance 1927	$1.40	
Budget	300.00	
Receipts	68.00	$369.40
Expended		
Labor	$118.06	
Stock, teams and overhead	35.10	
Invoices	149.50	302.66
Balance		$66.74

Moth Suppression

Budget		$1,000.00
Expended		
Labor	$384.76	
Stock, teams and overhead	135.31	
Invoices	123.64	643.71
Balance		$356.29

Moth Suppression—Private Estates

Budget		$350.00
Expended		
Labor	$158.09	
Stock, teams and overhead	44.92	203.01
Balance		$146.99

COOLECTION OF GARBAGE

Budget		$18,470.00
Expended		
Labor	$13,762.97	
Stock, teams and overhead	3,974.75	
Invoices	679.36	18,417.08
Balance		$52.92

COLLECTION OF ASHES AND RUBBISH

Budget	$15,300.00	
Order No. 18846-A	1,100.00	$16,400.00
Expended		
Labor	$10,995.99	
Stock, teams and overhead	2,486.63	
Invoices	2,842.38	16,325.00
Balance		$75.00

STREET CLEANING

Budget		$4,000.00
Expended		
Labor	$2,522.76	
Stock, teams and overhead	1,424.74	
Invoices	52.50	4,000.00

PUBLIC WORKS SALARIES AND WAGES

Budget		$14,396.00
Expended		
Payrolls	$12,869.43	
Liability Insurance	3.60	12,873.03
Balance		$1,522.97

PUBLIC WORKS EXPENSE

Budget		$1,670.00
Expended		
Supplies	$160.13	
Stationery and Printing	321.74	
Stamps	55.03	
Telephone	153.27	
Use of Automobile	600.00	
Sundries	265.65	1,555.82
Balance		$114.18

ENGINEERS' SALARIES AND WAGES

Budget	$6,449.00	
Receipts	129.15	$6,578.15
Expended		
Payrolls	$6,419.51	
Liability Insurance	58.71	6,478.22
Balance		$99.93

ENGINEERS' EXPENSE

Budget	$1,213.00	
Receipts	1.22	$1,214.22
Expended		
Supplies	$182.02	
Use of car	935.00	
Telephone	24.75	
Sundries	39.49	1,181.26
Balance		$32.96

CITY HALL SALARIES AND WAGES

Budget	$3,780.00	
Less—Order No. 18776	300.00	$3,480.00
Expended		
Payrolls	$3,304.88	
Liability Insurance	36.54	3,341.42
Balance		$138.58

CITY HALL EXPENSE

Budget		$4,500.00
Expended		
Supplies	$173.36	
Alterations and repairs	1,118.63	
Gas	34.21	
Telephone	48.90	
Electricity	1,228.16	
Fuel	838.23	
Labor and teams	106.12	
Sundries	696.86	4,244.47
Balance		255.53

CITY HALL ALTERATIONS AND REPAIRS

Balance 1927	50.00	
Budget	500.00	$550.00
Expended		
Invoices		515.37
Balance		$34.63

CITY HALL BUILDING EXTENSION

Balance 1927	$26.38
Expended	
Invoices	5.75
Balance	$20.63

CITY HALL—FIRE LOSS

Receipts	$1,608.42
Expended	
Invoices	707.31
Balance	$901.11

BOARD OF SURVEY EXPENSE

Budget	$25.00
Expended	
Invoices	24.52
Balance	$ .48

Report of Superintendent of Schools

January 18, 1929

To the Members of the School Committee,

Ladies and Gentlemen:

It gives me pleasure to submit my seventh annual report as Superintendent of Schools. The usual statistical material will be found at the end of the report.

The education of its children is the most important single obligation which any community is called upon to fulfil. Although its demands for financial support are greater than any other municipal activity, yet very little tangible and objective evidence can be presented to show conclusively whether or not any community is getting its money's worth. The results of the investment which the public makes in its schools are so long deferred that it is impossible to state with any degree of certainty what part of success can be ascribed to formal education, and what part should be credited to other agencies.

It is certain, nevertheless, that the average citizen has faith in public education, and desires that his children receive as much of it as possible. He passes laws to compel attendance upon the public schools, and is willing to tax himself heavily to support them.

In commenting upon the value and cost of public education, it is not out of place to emphasize the fact that when tax money is converted into teacher service, textbooks and supplies, buildings, and other materials, the tax payer is cheated unless every expenditure is made in the sole interests of the children.

In spite of this belief in and willingness to support education, the average citizen in thinking upon the subject is inclined to be critical of modern education. He loses sight of the fact that education has moved ahead with the passing of the years, and that a modern school should not be thought of in terms of the school which he or she attended. Formerly only those who were readily educable attended school; the others went to work. High standards of work in subjects could be maintained for the favored few. At the present time all children go to school—the dull as well as the talented, and it is expected that every child, no matter what his intellectual equipment may be, shall find in the public schools an opportunity to ascertain what he can best do and to learn to do better that thing which he is capable of doing, no matter how simple that thing may be. Furthermore, the narrow and meagre program of studies of twenty-five years ago has expanded to include a multiplicity of subjects made necessary by the demands of modern life. It is obvious that the task of the modern school is quite different from that of two or three generations ago

In order to familiarize the public with modern educational practice as illustrated in the Melrose schools, I shall present later in this report the aims and content of some of the major activities in our schools. First

of all, however, I wish to report upon the results of two new policies recently adopted by the School Committee.

Admission of Pupils to First Grade

Up to nearly three years ago, it had been a policy of many years' standing to admit to the first grade in September of each year only those children who should become six years of age before the first day of January following. This practice is a common one but is based upon the false assumption that all children at six years of age are mentally equal. In June 1926, the School Committee voted to extend the opportunity of entering the first grade to include those children who should become six years of age before April 1, provided a mental examination should indicate that they were capable of doing first grade work. For three years now children have been admitted to the first grade in accordance with this ruling. In September 1926, thirty children out of fifty-six examined were admitted. After one year in school, teachers reported upon the accomplishment of these children as follows: ten were in the upper quarter of the class; nine in the second quarter; four in the third quarter; five in the fourth quarter, and two were doing unsatisfactory work because of absence. These children are now in the third grade and twelve are in the upper quarter of the class; twelve are in the second quarter; two are in the third quarter; one is conditioned and three have moved away.

In September, 1927, thirty-six under age pupils were admitted on the basis of the mental examinations. One year later teachers rated them as follows: ten were in the upper quarter of the class; eleven were in the second quarter; seven were in the third quarter; four were in the fourth quarter, and four were failing because of absence or poor health. These pupils are now in the second grade. Eleven are in the upper quarter; twelve are in the second quarter; four are in the third quarter; two are in the fourth quarter; two are failing, and five have left the city.

In September 1928, sixty-three pupils were admitted. They are still in the first grade so it is too early to report on them.

The evidence shows rather conclusively that the mental test as an instrument for selecting under age pupils who can do first grade work is effective.

In order for teachers to do the most effective work, it is desirable to have as nearly a homogeneous group of pupils as possible. A child can not successfully grasp the technique and mechanics of reading unless he has a mental age of six years. There is no more reason for admitting children to the first grade on the basis of chronological age than on the basis of weight.

The next logical step would be the adoption of a policy which would provide for the admission to the first grade when they reach the mental maturity of six years irrespective of their chronological ages, provided of course, their social development and physical condition is satisfactory. If and when this is done, some provision for pre-school training should be made for those who are six chronologically but who are not ready for first grade work.

Lengthening of High School Day

Two years ago the School Committee voted to lengthen the time when the High School should be in session. Formerly the school day was from 8.00 a.m. to 1.00 p.m. The action of the Committee fixed the new hours from 8.15 a.m. to 2.30 p.m. This was an emergency measure made necessary by the crowded conditions in the high school and as such it has helped to tide over the situation.

In my judgment, the longer high school day should be adopted as a permanent educational policy. The job of going to school is practically the only work which high school pupils are called upon to do and it should occupy the major part of their time and thought. A longer school day means more time under the influence of the school, and more opportunity for study under the direction of a teacher. During the last two years in my opinion there has been a marked decrease in the number of high school pupils seen loafing in the streets and in attendance upon the afternoon shows of the moving pictures. I feel certain that at least a six-hour day is none too long and would render a better service to the community than a shorter one.

We now come to that part of this report which has to do with the presentation of the aims and subject matter of some of the more important school subjects. The following objectives of elementary education have been universally accepted. To those who are at all familiar with educational literature, they will seem like needless repetition of something already known, but to the laity their inclusion here will not be out of place. They are: 1, Health; 2, Command of Fundamental Processes; 3, Worthy Home Membership; 4, Vocation; 5, Civic Education; 6, Worthy Use of Leisure; 7, Ethical Character. Every school activity is supposed to make a contribution toward the realization of one or more of the above aims.

Reading

The first question which one must be prepared to answer in evaluating a school subject is: What is its Use? Reading is the most important of all school subjects. It is the key which opens the door to success in all other fields of knowledge. It, therefore, occupies by far the major portion of the time in the lower grades. As the necessary skill is acquired, it is given gradually dininishing attention as such, as the child advances through the grades. No other subject is so successfully taught as primary reading, and in no subject are books so well adapted to the needs and interests of children.

In Melrose, in common with every other school system, a phonetic system of reading is used. For several hundred years, schools taught little children the alphabet first; from the letters they built up syllables, and lastly, from the syllables they learned the words. Finally it was learned that it is just as easy for a child to distinguish the difference between *book* and *look* as it is to distinguish between *b* and *l*. Hence children are taught to recognize words instead of letters, and it is found that they do it more easily for they are interested in words. This ability

to recognize words without knowing the letters may be illustrated by calling to mind the fact that children and adults recognize persons by their general appearance without knowing the details such as color of eyes, hair, etc. After children have learned to recognize about one hundred words, the alphabet is taught, and the sounds of the letters are learned rather than their names. This knowledge of the letter sounds gives them the tools by which they can pronounce words which they have never seen before.

By the end of the first year in school children have read on the average 10 books and have a vocabulary of 1000 words which they recognize.

By the end of the fourth grade, children can read practically anything. All the way along emphasis is placed upon reading for comprehension, i. e., to get the thought accurately from the printed page. After the mechanics have been mastered, pupils are supplied with a wealth of interesting material within their ability.

A trip to any first grade would be very illuminating to one who has not followed the progress of teaching primary reading. The mere repetition of words is a thing of the past. Impelled by the desire to read, children acquire skill rapidly.

Arithmetic

In order that we may start together in our thinking on this subject, it is desirable to comment upon one misleading assumption which has held sway for many years concerning the study of arithmetic; namely, the traditional belief that long and arduous study of arithmetic would result in mental training which could be transferred to other subjects. Studies which have been made in an effort to establish the truth of this assumption show that there is little, if any, transfer or carry over of skill in arithmetic to other subjects. Therefore, modern courses of study are constructed on the basis of the intrinsic value and social usage of the subject matter rather than upon the uncertain extrinsic value.

When one considers the important place which arithmetic holds in our schools today, it is quite surprising to learn that the subject was often omitted from elementary schools down to 1800 and sometimes it was specifically prohibited by school committees.

I have before me an arithmetic published in 1819. In running through the table of contents, I find the following topics which are given a prominent place in the text: Federal Money, Exchange, Single Rule of Three, Double Rule of Three, Cube Root, Fellowship, Barter, Duodecimals, Glazier's Work, Alligation, Gauging, etc. Although during the last one hundred years our living has increased in complexity, there certainly has been such simplification of our needs for arithmetic as to render the above topics obsolete and useless. I find, however, at the beginning of the book in the "Directions to Scholars" the following words of advice which are quite as timely and appropriate today as they were one hundred years ago. "Drive away from you idleness and sloth; they are great enemies to improvement. Remember that youth, like the morning, will soon be past, and the opportunities once neglected, can never be regained."

During the school year 1924-25 the entire teaching and administrative staff undertook as its professional work for the year a complete revision of the arithmetic course of study. Dr. G. M. Wilson of Boston University, a well known specialist in arithmetic, was employed to serve as leader of the group. The study extended over several months, during which time every phase of the subject was carefully studied. The course reflects as well as the results of the scientific studies which have been made. The demand for it from all parts of the United States has been greater than we have been able to supply.

The course is not merely an outline of the work to be done in each grade; it consists also of a statement of aims and method of procedure; it has an outline of the progression of difficulties, complete drill service for the four fundamental processes, and diagnostic tests. The course insures uniformity of work in arithmetic within desirable limits.

There is considerable variation among school systems in the time of beginning formal arithmetic. Some schools begin the subjects in the first grade, others not until in the fourth grade. Investigations have been made, the results of which claim to prove that accuracy in handling numbers in the upper grades is greater where formal arithmetic is begun later in the grades. At any rate, there is a growing tendency to postpone its beginning until the mechanics of reading have been throughly mastered and until the skill is somewhat more mature.

The Melrose course of study provides for the beginning of formal arithmetic in the third grade. During the first two years, however, the course provides for a wealth of number experiences through counting, games, and other activities.

The work of the third grade is addition and subtraction, fractions, one-half, one-fourth, one-third, and common measures.

The main drive in the fourth grade is on multiplication and division which is centered around pupil activities, of which the following are illustrative: 1, Equipping and furnishing supplies for a fourth grade class room; 2, expenses of food for a family of four; 3, equipping a school playground.

The outline for the fifth, sixth and seventh grade work covers fractions, decimals, interest and percentage. The arithmetic program in these intermediate grades is like that of the fourth grade, based upon activities which are intended to serve as a motive and to stimulate interest.

The activities program is as well adapted to the work of the upper grades as it is to the lower grades, the general project in the eighth grade being a consideration of the question, "Shall I rent, buy or build?" A study of this problem involves land measure and making and recording the deed, drawing the plan, cost of light, heat and water, consideration of Co-operative Banks, Building Loan Associations, Savings Banks, making out legal papers, insurance, taxes and interest, board measure, etc.

The work in all the grades is re-inforced by drills and checked by frequent tests.

The aim of the entire course is to meet the demands of life in the uses

of arithmetic, to develop accuracy and reasonable speed, and to show the student the use and application of the process which he is using.

English

Under this caption is comprehended all phases of English, as: Oral and Written Composition, Grammar, Appreciation of Literature, Penmanship, Spelling and Reading. The last topic being the most important of all has already been given special treatment. The American people are proverbially careless in the use of the English language, and the average person cares very little for the art and much less for the science of the language so long as he can make himself understood. Much fault is found with our English teaching; colleges comment upon the poor preparation in this subject of high school graduates; high schools blame the elementary schools, and the elementary school places the responsibility upon the home. As a matter of fact, the teaching of English is probably no better and no worse than that of other subjects. The reason why so much general criticism has been directed against the English work is because the difference between expected accomplishment and actual accomplishment can be easily detected even by those who use poor English themselves.

Furthermore, the field of English is broad and the undertaking is a very large one. If all the time now devoted in our schools to all phases of English could be used for just one phase, say, Oral English, our outcomes might be satisfactory provided school instruction were reinforced with an environment of correct speech outside the school.

The Melrose course of study in English was rewritten in 1925. The aim in the lower grades is to have children talk easily and naturally about common things and about their experiences; to build vocabulary and to eliminate errors of speech common to children of those ages; and to push bashful children and to curb those who are garrulous. The work is 90% oral in the first grade and gradually tapers off to 50% oral in the fifth grade, which proportion holds throughout the remainder of the elementary school. Good posture, correct articulation and clear enunciation are strongly emphasized from the outset. Punctuation, capitalization and simple letter forms are begun in the third grade and continued throughout the course. As written composition progresses into the upper grades, an attempt is made to develop some style, variety and originality. The science of language is taught in the form of technical grammar which receives its greatest emphasis in the seventh and eighth grades. Instruction in the use of libraries and book reviews constitute a part of the work.

The distribution of time in the seventh and eighth grades among the several phases of the work is as follows: the length of the period is forty minutes; two periods of grammar, one period of literature, one period of oral composition, and one period of written composition. The course provides for the standardization of forms for composition work and letter writing. These were worked out with the head of the English Department in the high school to avoid a period of adjustment in this particular as pupils pass from the elementary school to the high school.

For the purpose of making as complete an articulation as possible between the elementary school and the high school, the following minimum essentials were agreed upon in conference between the high school and the elementary school teaching staff:—

Minimum Essentials in English for Success in High School

I. The Sentence:

Recognition of a sentence as distinguished from a phrase or a clause.

Kinds of sentences:

Simple, complex, compound, declarative, interrogative, imperative, exclamatory.

Punctuation at the end of each kind of sentence, of the compound sentence, and of the dependent clause first in complex sentence.

II. Punctuation:

Besides the points mentioned above, pupils should know the use of the comma in series and appositives, case of address, quotation marks, and how to write titles of books and headings and addresses of letters.

II. Capitals:

Proper names, titles of books, and all necessary capitalization. Too many capitals are often used.

IV. Spelling:

Mastery of a "Taboo List" of such words as *there, their,* writing, etc., made from the "first 3000" as given by Thorndike.

V. Grammar:

A recognition knowledge of all parts of speech.

Use of nouns, pronouns, adjectives, adverbs, prepositions, conjunctions, and verbs.

Cases of nouns and pronouns.

Construction: Subject; object, direct and indirect; predicate noun and adjective; possessor; verb (the construction of subject, object, and possessor should be known of pronouns as well as nouns.)

Analysis:

To be able to state the complete subject and complete predicate in simple sentences as well as modifiers of each. For success in Latin, pronouns, personal, interrogative, and relative; knowledge and formation of the tenses of the verb.

VI. Reading:

Ability to understand and reproduce the thought in other words of about the difficulty of

Prose: "Rip Van Winkle", by Washington Irving, "The Great Stone Face" by Hawthorne, "Christmas in the Woods" by Dallas Lore Sharp, "A Young Marsh Hawk" by Burroughs, "The Perfect Tribute" by Mary Raymond Shipman Andrews.

Verse: "Evangeline" by Longfellow, "Snowbound" by Whittier,

"The Concord Hymn" by Emerson, "The Chambered Nautilus" by Holmes.

Spelling

Spelling is taught in the Melrose schools from grades 1 to 8 inclusive. From the third grade on each pupil is supplied with a spelling book containing a word list for his grade with instructions for study. The list for each grade includes the words which investigations have shown to be most frequently used by children at that particular age level, and spelling matches and tests are used to increase interest and arouse competition. Each child keeps a list of his own individual demons.

Penmanship

All schools have regular drill in penmanship. The Palmer System of copy books is used uniformly throughout the grades. Emphasis is placed upon correct letter formation and good posture rather than the purely mechanical drills. A score of 50 in legibility according to Ayers Scale is required and a speed of 70 words per minute is the goal.

Health

The emphasis in teaching health has changed in the last decade from a study of the bones of the body and the functions of the heart, lungs, etc., to the study of how to take care of the body. The effort today is to establish desirable health habits in children which will carry over into adult life.

A bulletin which was sent out September 12, 1927, by the Superintendent of Schools to parents and teachers explains the scope and aims of the work in Melrose. The following are excerpts from this bulletin:

"Our school health program is far from being a complete one. Indeed, it is conspicuously limited and restricted as measured by desirable standards. Yet, with the funds which are at the disposal of this department (the amount expended for all phases of this work is but $1.25 per pupil per year), we believe worthwhile results are being accomplised.

"The work is carried on by two co-operating municipal agencies—namely, the Board of Health and the School Committee. The personnel immediately in charge of the work consists of the chairman of the Board of Health, two part time physicians, one full time nurse, one part time nurse, one teacher of physical training and class room teachers.

"The aims of the health work are three in number:

First: To institute and carry out the various protective measures for the purpose of preventing the spread of contagious diseases and of further conserving and improving the health of school children.

Second: To instruct pupils in correct health habits in order that they may build up in their youth health behavior which will carry over in adult life and assure in their later years vigor, vitality and happiness.

Third: To develop the child through a program of physical education; to emphasize the importance of play and to teach him control and good sportsmanship.

"It is evident that there is a very close relationship and a decided interlocking between all parts of this threefold program.

"The following are the phases of the work which contribute to the realization of our first aim—the protective phase of the work.

1. Immunization of children against infectious and communicable diseases.
   a. Vaccination against smallpox. This is required by State Law. Free vaccination is provided by the Board of Health.
   b. Advocacy and use of Schick tests against diphtheria.
2. Co-operation with the State Department of Health in examination of underweight children for detection and prevention of tuberculosis.
3. Exclusion from school on all children who show signs of health disturbances indicating the possibility of transmitting disease by their presence in the school room.
   Although the school is desirous of maintaining a high percentage of attendance, it is equally desirous that all children who are ill should be kept at home.
4. Consistent enforcement of regulations of the Health Department in readmitting to school children who have been absent because of any type of illness.
   Again, we wish all parents to understand that it is our wish that children who are absent because of illness should be given ample time to recover before re-entering school.
5. Periodic weighing and measuring of children.
   This is done and report sent to the homes five times a year. The usefulness of weighing and measuring children is undoubted. It is considered to be the best single concrete index of health. It is obvious, however, that no single test of health is wholly adequate. Therefore, we recognize that the use of weight and measurement standards alone is not an accurate method of separating those who are unhealthy from those who are healthy. The fact that it does have some value justifies its use.
6. Annual physical examinations by school physicians supplemented by re-examination of special cases by school physicians or school nurses.
7. Safety work. This work is done by class room teachers daily. It is based upon the Safety Code. Safety councils are established in all schools which are intended to focus the attention of pupils on safety behavior.
8. Attention to and improvement of the hygienic conditions of the school plant such as ventilation, lighting, furniture equipment, water for drinking and cleanliness of the school building.

"Our second aim of equal importance to the first is an effort to inculcate correct health habits in the lives of the children. In this part of the work, the pupil becomes a conscious participant. This instruction is given

for the most part by the class room teacher both formally and informally. Emphasis is placed upon—

Sleep and rest
Fresh air
Care of teeth and body
Proper foods
Effect of tea, coffee and alcohol

"The work consists not so much in the imparting of information about these topics. The important thing is that the desirable habits be established. To this end, progress charts are kept and other incentives used.

"The drinking of milk at morning recess is encouraged. Pupils who do not like milk and those whose parents object are not expected to participate.

"The third and last aim is realized through the physical education program. This program serves to re-enforce the other phases of the work. Good habits of posture, prompt response to command and the significance and desirability of play are all emphasized.

"There has been a great extension in the scope of school health work in Massachusetts in recent years, but it is a growth and not a creation.

"The department wishes to assure parents that it is the earnest desire of both the School and Health Departments not to be dictatorial in this health work and to make a most earnest plea for the co-operation of the parents.

"Finally, we wish to state that criticism and suggestions are not unwelcome."

Social Studies

Geography and History make up what is today called the Social Studies. They are taught as separate subjects from grades 1 to 6 inclusive, after which they are combined with civics and current events into one unified course. The changes which have taken place in the subject matter and methods of teaching these subjects are far reaching.

In order to make children like history and geography, it must be the *kind* they like, so mere place geography has given way to the study of the earth as the home of man. Why things are, where they are, and what influence climate and temperature have upon man, his home, his work, and what he raises, are likely to arouse more interest in the subject that the rote process of yesteryear. Maps, scrap books and imaginary trips contribute to make the outcomes more effective. In teaching history, an attempt is made to get away from the purely factual kind of history. Since biography, stories of adventure and fanciful tales appeal to children of the intermediate grades, they are made use of in our history teaching.

The social studies course for the seventh and eighth grades are built entirely upon problems, of which the following are illustrative:

Problem VI. How the West Became an Important Factor in American Life.

Problem XIV. How the North and the South Became a United Nation.

Problem XIX. How the United States Became a Country of Big Business.

Problem XXV. Why Asia is Called the Home of Civilization.

In all, there are thirty-five problems, around which all events in American history worthy of attention by the elementary school pupil are grouped. The work in social studies is closely correlated with reading, drawing and literature.

Many other school activities such as Safety Work, Thrift, Character Education, Speech Correction, etc., are worthy of a place in this report, but I fear their inclusion at this time would be inappropriate.

Respectfully submitted,

H. H. STUART,
Superintendent of Schools

Annual Report of the School Department

School Committee for 1929

OFFICERS OF THE COMMITTEE

Chairman, HARRY F. SEARS
Corresponding Secretary, EDWARD J. WALL
Secretary, HERMAN H. STUART

MEMBERS OF THE COMMITTEE

Name and Address	Telephone	Term Expires
Charles H. Adams 541 Main Street	Melrose 2120 Melrose 0027-M	1932
Chester B. Allen 1008 Main Street	Liberty 1115 Melrose 0952	1932
Mrs. Maude M. Johnson 44 Lincoln Street	Melrose 1351	1930
Mrs. L. R. Lang 45 Francis Street	Melrose 1989-J	1932
Robert A. Perkins 64 Vinton Street	Melrose 0156	1929
Paul H. Provandie 96 West Emerson Street	Melrose 0132 Melrose 3220	1929
Harry F. Sears 44 Orris Street	Somerset 0521 Melrose 0729	1930
Frank J. Sherman 167 Porter Street	Melrose 1202	1930
Edward J. Wall 38 Cleveland Street	Melrose 3209-J B. B. 10960	1932

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the first Monday of every month, except during July and August, at 7.30 p.m.

SUPERINTENDENT OF SCHOOLS

HERMAN H. STUART, 6 York Terrace

Office: High School Building
Telephone: Office, Mel. 2284 and 2285
Residence, Mel. 2690
Secretary: Ethel M. Spaulding, 81 Lynde Street
Telephone: Mel. 1728-R.
Clerk: Emily N. Osgood, 504 Lebanon Street
Telephone: Mel. 0168

SCHOOL CALENDAR FOR 1928-1929

Fall Term 1928

Opens September 10
Closes December 21

Winter Term 1929

Opens January 2
Closes February 21

Opens March 4
Closes April 26

Spring Term

Opens May 6
All schools close June 21

Fall Term

Opens September 9, 1929

Holidays—October 12, November 12, Thanksgiving with day following and half day preceding, April 19, May 30, June 17.

"NO SCHOOL" SIGNAL

The "no school" signal will be sounded at three different places in the city: the Central Fire Station, Boston Rubber Shoe Company, Factory No. 2, and the Congregational Church in the Highlands. The time of such signal for the High School is 7.30 a.m., and for the grades 7.45 a.m. and 12.45 p.m. The signal is the number 22 four times.

TABLE I

School Year	School Census	No. of different pupils enrolled in elementary schools exclusive of re-enrollment	No. of different pupils enrolled in High school exclusive of re-enrollment	Average membership in elementary schools	Average membership in High School	Average attendance in elementary schools	Average attendance in High School	No. of graduates from High School	No. of graduates from grammar schools
1908–09	2869	2688	534	2539.22	511.46	1908.23	492.03	93	203
1909–10	2739	2314	582	2134.60	552.34	2027.92	531.49	107	202
1910–11	2601	2304	586	2096.10	546.70	1982.47	518.52	107	340
1911–12	2876	2103	711	1971.39	665.73	1856.89	634.47	93	302
1912–13		2001	802	1917.98	731.44	1817.81	687.03	84	229
1913–14		2048	767	1918.85	737.00	1838.22	720.87	100	193
1914–15		2061	805	1975 23	751.38	1862.62	723.07	163	187
1915–16	3240	2079	736	2000.78	677.68	1885.35	649.78	136	198
1916–17	3315	2041	698	1978.12	647.01	1878.00	636.00	114	192
1917–18	3495	2129	684	2022.77	618.47	1898.68	591.11	106	179
1918–19	3647	2192	644	2985.09	588.02	1924.15	560.24	98	185
1919–20	3982	2281	693	2152.17	616.54	1992.80	591.41	103	165
1920–21	4015	2412	647	2309.36	608.89	2200.92	582.07	121	214
1921–22	3925	2446	677	2377.92	642.41	2229.98	620.21	89	228
1922–23	3079	2570	715	2447.18	736.37	2259.76	705.92	111	177
1923–24	3244	2548	790	2423.27	803.62	2292.52	774.46	136	239
1924–25	3657	2564	888	2497.10	831.69	2345.91	798.18	167	228
1925–26	3700	2645	911	2528.09	870.46	2356.61	841.42	177	222
1926–27	3685	2708	945	2609.63	915.44	2494.89	892.57	169	230
1927–28		2771	1023	2709.62	978.06	2562.24	943.52	183	299

TABLE II

Percentage of Pupils Belonging June 1928 who Failed of Promotion

Schools	GRADES 1	2	3	4	5	6	7	8	Total Average Percent Failed
Franklin			1.75			1.37			.52
Gooch	17.07	6.06		6.67	6.98	11.90	12.50	13.51	9.34
Lincoln	11.86		9.09	2.13	5.00	2.71	2.27	2.22	4.41
Livermore	18.18	7.69							5.17
Ripley	4.55		15.00	13.64	5.00	6.25			7.41
Roosevelt				6.45	2.94	2.38	6.45	.87	3.18
Warren	5.26	2.44							1.93
Washington	9.52	4.65	8.51	6.67	10.26	15.56	11.54	4.17	8.86
Whittier	1.53								.77
Winthrop	12.28	6.94	3.03	3.85	5.63	5.56			6.22
Total	8.92	3.09	4 15	4.38	4.48	6.53	8.19	5.19	4.78

Percentage of Pupils Belonging June 1928 who were Conditioned

Schools	GRADES 1	2	3	4	5	6	7	8	Total Average Percent Conditioned
Franklin				1.54	5.48	20.55			6.89
Gooch	9.75	6.06	13.79		32.56	16.90	25.00	10.81	14.36
Lincoln	10.00	3.92	11.36	21.28	15.00	10.81	24.44	8.89	13.21
Livermore	9.09	3.85	6.67	7.14	16.67				8.68
Ripley					5.00	12.50			2.92
Roosevelt			12.50	16.13	11.76	11.90	12.04	7.83	12.03
Warren	15.79	2.44	7.46						6.42
Washington	14.29	2.33	14.89	6.67	17.95	13.33	21.17	9.72	12.54
Whittier	5.88								2.94
Winthrop	10.53	5.69	9.09	13.46	12.68	14.81			11.04
Total	9.42	3.04	8.42	7.36	14.64	14.40	20.66	9.31	9.10

TABLE III

Percentage of Pupils who Failed of Promotion

1924--1927

Grades	1924	1925	1926	1927	1928	Total Percent Failed
I	9.70	13.54	13.44	13.43	8.92	11.81
II	4.50	4.40	3.90	5.10	3.09	4.19
III	4.27	6.45	6.25	8.15	4.15	5.85
IV	4.22	3.57	1.88	7.79	4.38	4.36
V	6.72	6.27	5.27	9.04	4.48	6.35
VI	6.18	3.61	2.56	4.99	6.53	4.77
VII	11.58	9.66	10.51	8.71	8.19	9.73
VIII	7.76	2.93	7.06	10.96	5.19	6.78
Total	6.87	6.30	6.36	8.52	4.78	6.73

Percentage of Pupils who were Conditioned

Grades	1924	1925	1926	1927	1928	Total Percent Condi-tioned
I	8.72	12.58	10.83	11.84	9.42	10.67
II	10.15	5.14	5.23	6.39	3.04	5.99
III	12.00	10.39	11.25	12.48	8.42	10.91
IV	11.31	10.81	14.94	12.54	7.36	11.39
V	12.20	13.88	16.99	17.80	14.64	15.10
VI	11.66	14.62	11.84	14.64	14.40	13.43
VII	18.45	13.52	20.48	16.72	20.66	17.96
VIII	19.23	14.95	14.53	17.50	9.31	15.10
Total	12.97	11.99	13.26	13.74	9.10	12.57

TABLE IV

Showing Total Enrollment by Ages and Grades—As of October 1928

Age	Grade													
	Sp.	1	2	3	4	5	6	7	8	9	10	11	12	P. G.	Total
Under 5 yr. 9 mo.....		63													63
5 yr. 9 mo. to 6 yr. 9 mo...		303	42												345
6 yr. 9 mo. to 7 yrs. 9 mo.	1	45	246	56											348
7 yr. 9 mo. to 8 yr. 9 mo...		6	56	210	40	4									316
8 yr. 9 mo. to 9 yr. 9 mo...	1	1	11	53	212	27	7		1						313
9 yr. 9 mo. to 10 yr. 9 mo...	5	1	1	23	67	209	21								327
10 yr. 9 mo. to 11 yr. 9 mo.	3			3	30	64	193	42	2						337
11 yr. 9 mo. to 12 yr. 9 mo.	11			2	1	20	84	168	29						315
12 yr. 9 mo. to 13 yr. 9 mo.	9				1	4	26	65	170	31	1				307
13 yr. 9 mo. to 14 yr. 9 mo.	6					2	8	35	69	201	34				355
14 yr. 9 mo. to 15 yr. 9 mo.	5						5	9	37	74	144	28	4		306
15 yr. 9 mo. to 16 yr. 9 mo.	2							1	6	33	61	143	21	1	268
16 yr. 9 mo. to 17 yr. 9 mo.									3	6	22	54	123	2	210
17 yr. 9 mo. to 18 yr. 9 mo.										2	8	19	54	5	88
18 yr. 9 mo. to 19 yr. 9 mo.												1	12	2	15
19 yr. 9 mo. to 20 yr. 9 mo.													1	1	2
20 yr. 9 mo. to 21 yr. 9 mo.												1			1
Total.....	43	419	356	347	351	330	344	320	317	347	270	246	215	11	3916

TABLE V

FINANCIAL SUMMARY

January 1, 1928—January 1, 1929

	Asked for by School Committee	Appropriated by Board of Aldermen	Plus or Minus Transfers and Credits	Net Appropriations	Expenditures	Balances
GENERAL CONTROL						
1. Administration Salaries	$5,000.00	$5,000.00	+ $34.00	$5,034.00	$5,033.28	+$ .72
2. Other General Salaries	2,925.00	2,925.00	— 34.00	2,891.00	2,890.55	+ .45
3. Other General Expenses	2,150.00	2,150.00	+ 207.18	2,357.18	2,357.18	.....
INSTRUCTIONAL SERVICE						
1. Teachers' Salaries	257,000.00	257,000.00	—3,679.94	253,320.06	253,320.06	.....
2. Textbooks and Supplies	15,000.00	15,000.00	+1,488.51	16,488.51	16,488.51	.....
3. Other Expenses	1,000.00	1,000.00	+ 543.00	1,543.00	1,542.22	+ .78
OPERATION OF SCHOOL PLANT						
1. Janitors' Salaries	21,000.00	21,000.00	— 602.00	20,398.00	20,397.31	+ .69
2. Fuel	13,500.00	12,000.00	+ 579.00	12,579.00	12,578.23	+ .77
3. Water	800.00	700.00	+ 164.00	864.00	863.30	+ .70
4. Light and Power	3,500.00	3,500.00	— 242.24	3,257.76	3,257.76	.....
5. Janitors' Supplies	1,100.00	1,100.00	+ 7.75	1,107.75	1,106.89	+ .86

TABLE V—Continued

	Asked for by School Committee	Appropriated by Board of Aldermen	Plus or Minus Transfers and Credits	Net Appropriations	Expenditures	Balances
MAINTENANCE OF BUILDINGS AND GROUNDS						
1. General Repairs	16,550.00	14,350.00	+ 430.00	14,780.00	14,779.33	+.67
2. Furniture and Furnishings	800.00	800.00	+1,443.00	2,243.00	2,242.83	+.17
AUXILIARY AGENCIES						
1. Athletics—Grades	700.00	700.00	+ 81.23	781.23	781.23	.....
2. Rental of Athletic Field	3,500.00	2,500.00		2,500.00	2,500.00	.....
3. Janitor's Pension (Fogg)	500.00	500.00		500.00	500.00	.....
4. Tuition	2,800.00	2,800.00	+*1,056.67	3,856.67	*3,825.86	+30.81
	$347,825.00	$343,025.00	+ $961.16	344,501.16	344,464.54	+36.62
SPECIAL APPROPRIATIONS						
Washington School Playground		$500.00		$500.00	$499.79	+ $.21
Rental of Memorial Hall		625.00	— 515.00	110.00	105.00	+ 5.00
				$345,111.16	$345,069.33	

*Includes $820 asked of Board of Aldermen.

TABLE VI

COST PER PUPIL IN AVERAGE MEMBERSHIP FISCAL YEAR 1928

		High	Elementary
General Control		$2,775.86	$7,505.15
General Control, per pupil		2.73	2.73
Teachers' Salaries		85,924.86	167,395.20
Teachers' Salaries per pupil		84.57	60.94
Textbooks		3,954.37	5,021.56
Textbooks per pupil		3.89	1.83
Supplies		2,633.44	4,879.14
Supplies per pupil		2.59	1.77
Operation of School Plant		11,837.88	26,365.61
Operation of School Plant per pupil		11.65	9.60
Maintenance of Buildings and Grounds		4,470.16	11,456.02
Maintenance of Buildings and Grounds per pupil		4.40	4.17
Other Expenses, Athletics		2,980.14	1,843.31
Other Expenses, Athletics per pupil		2.93	.67
Tuition—Vocational and Evening Schools	$3,825.86		
Pension—Janitor's	500.00		

The following tabulation shows the cost per pupil in Melrose for the last six years in comparison with the cost in other cities of the Commonwealth.

These figures were taken from the annual reports of the State Department of Education:

Year	Expenditure for Support of Public Schools from All Sources per pupil	Average for 39 Cities in the State	Rank among the 39 Cities in the State
1923	$79.94	$81.38	7
1924	82.72	85.13	13
1925	83.06	88.43	14
1926	86.66	90.09	14
1927	85.84	95.32	16
1928	89.73	100.19	15

TABLE VII

SHOWING ENROLLMENT, ATTENDANCE, ETC., FOR SCHOOL YEAR ENDING JUNE 30, 1928

1. By Schools

School	Number of different pupils enrolled exclusive of re-enrollments	Number of boys	Number of girls	Average Membership	Average Attendance	Percent of Attendance
High	1023	504	519	978.06	943.52	96.46
Franklin	285	147	138	276.56	265.27	95.92
Gooch	273	145	128	274.74	258.95	94.25
Lincoln	391	219	172	378.25	359.31	94.99
Livermore	137	78	59	131.65	123.14	93.53
Ripley	131	67	64	134.18	124.17	92.54
Roosevelt	361	184	177	351.44	333.71	94.95
Warren	131	68	63	125.40	115.10	91.78
Washington	523	254	269	519.70	496.63	95.56
Whittier	143	64	79	134.78	124.81	92.60
Winthrop	396	222	174	382.92	361.15	94.31
	3794	1952	1842	3687.68	3505.76	95.06

2. By Grades

School	Number of different pupils enrolled exclusive of re-enrollments	Number of boys	Number of girls	Average Membership	Average Attendance	Percent of Attendance
Post Graduate	13	7	6	10.79	10.44	96.76
Senior	188	85	103	180.05	173.52	96.37
Junior	250	121	129	244.40	235.43	96.33
Sophomore	258	119	139	245.45	236.07	96.18
Freshman	314	172	142	297.36	288.06	96.87
Eighth	347	180	167	340.46	329.29	96.72
Seventh	343	177	166	327.13	313.04	95.69
Sixth	312	158	154	307.02	292.80	95.37
Fifth	332	181	151	327.46	311.86	95.23
Fourth	317	177	140	315.51	301.05	95.42
Third	333	172	161	333.04	313.97	94.27
Second	371	188	183	355.59	329.25	92.59
First	376	190	186	360.55	331.27	91.88
Special	40	25	15	42.87	39.71	92.62
	3794	1952	1842	3687.68	3505.76	95.06

TABLE VIII

DISTRIBUTION OF EXPENSES BY SCHOOLS, FISCAL YEAR ENDING DECEMBER 31, 1928

	General Control	Other Expenses	Teachers including Principals	Textbooks	Supplies	Janitors' Services	Janitors' Supplies	Fuel	Water	Light and Power	Repair of Buildings	Furniture and Furnishings	Special Activities	Totals
High School		$480.14	$85,924.86	$3,475.90	$2,437.09	$5,495.80	$320.04	$3,680.79	$161.79	$785.76	$3,244.90	$1,095.98		$107,102.47
Sewall School						757.93		560.98	19.36	56.01	129.28			1,523.56
Franklin School		2.00	16,168.81	599.81	213.17	1,515.86	84.01	927.18	39.06	86.76	1,744.12	48.00		21,428.78
Gooch School		39.45	13,728.18	452.75	367.69	1,515.86	56.28	502.90	35.47	209.15	699.95	136.00		17,743.68
Lincoln School		24.98	21,846.84	464.12	687.53	1,620.43	94.28	1,010.39	96.26	158.26	745.26	131.00		26,879.35
Livermore School		1.00	8,329.56	176.88	185.21	757.93	17.66	460.16	45.57	84.28	54.51	2.75		10,115.51
Ripley School			5,745.60	119.13	180.34	749.86	25.92	415.83	27.94	204.54	195.89			7,665.05
Roosevelt School		40.52	20,004.52	883.38	944.36	1,781.78	209.29	936.55	117.61	568.93	1,563.52	19.50		27,069.96
Warren School		.19	6,392.10	201.31	225.11	757.93	25.26	691.31	46.42	51.95	315.92	686.60		9,394.10
Washington School		52.58	27,406.44	1,450.83	1,094.05	1,881.86	134.05	1,902.21	115.60	505.59	1,400.04			35,943.25
Whittier School			6,981.71	112.24	225.61	757.93	11.50	226.05	29.24	36.70	195.73	44.00		8,620.71
Winthrop School		2.00	23,558.93	561.11	756.07	2,804.14	128.60	1,261.63	129.01	510.38	2,231.50	79.00		32,022.37
All Schools	$10,281.01	899.36	3,781.66					2.25			2,242.81			17,207.09
Suspense											15.90			15.90
Tuition													$3,825.86	3,825.86
Domestic Science (Salary only)													3,439.68	3,439.68
Manual Training (Salary only)													4,734.91	4,734.91
Music (Sal. only)													1,800.00	1,800.00
Drawing (Sal. only)													1,800.00	1,800.00
Physical Training (Salary only)													1,676.26	1,676.26
Special Science													196.35	196.35
Special Music													478.47	478.47
Special Athletics—Grades													781.23	781.23
Rental of Athletic Field													2,500.00	2,500.00
Janitor's Pension													500.00	500.00
	$10,281.01	$1,542.22	$239,869.21	$8,497.46	$7,316.23	$20,397.31	$1,106.89	$12,578.23	$863.30	$3,257.76	$14,779.33	$2,242.83	$21,732.76	$344,464.54
SPECIAL APPROPRIATIONS														
Washington School Playground														$499.79
Rental of Memorial Hall														105.00
														$345,069.33

TABLE IX

NUMBER OF TEACHERS, INCLUDING PRINCIPALS, IN THE DIFFERENT DEPARTMENTS JUNE 30, 1928

	Male	Female	Total
High (Grades, 9, 10, 11, 12)	13	27	40
Grammar (Grades 5, 6, 7, 8,)	3	40	43
Primary (Grades 1, 2, 3, 4)	0	48	48
Supervisors: Music	0	1	1
Drawing	0	1	1
Household Arts	0	2	2
Manual Training	2	0	2
Physical Education	0	1	1
Nurse	0	1	1
Total	18	121	139

TABLE X

REPORT OF SCHOOL NURSES

January 1928 to January 1929

	High	Roosevelt	Warren	Whittier	Franklin	Winthrop	Livermore	Gooch	Lincoln	Washington	Ripley	Total
Number visits to schools	78	72	65	81	87	69	105	70	72	62	40	801
Number of pupils examined with school doctor	450				290	679	144	240		505	134	2442
Number pupils referred by teachers	420	141	66	82	93	91	185	113	185	213	95	1684
Number visits to pupils in homes	4	14	7	26	31	15	104	77	79	111	31	499

TABLE XI

AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES

October 1, 1928

Primary:	Grade 1	6 years 4 months
	Grade 2	7 years 8 months
	Grade 3	8 years 4 months
	Grade 4	9 years 7 months
Grammar:	Grade 5	10 years 6 months
	Grade 6	11 years 6 months
	Grade 7	12 years 7 months
	Grade 8	13 years 4 months
High:	Freshman Class	14 years 1 month
	Sophomore Class	15 years 7 months
	Junior Class	16 years 6 months
	Senior Class	17 years 6 months
	Post Graduates	18 years 5 months

INFORMATION ABOUT SCHOOL BUILDINGS

MELROSE, MASSACHUSETTS

Name	When Built
Franklin	1896
Lincoln	1896
High (original building)	1897
High (addition)	1908
Old Winthrop	1891
Gooch	1886
Whittier	1884
Warren	1892
Washington (original building)	1896
Washington (addition)	1924
Livermore	1891
Roosevelt	1924
New Ripley	1924
Sewall	1874
New Winthrop	1926

ESTIMATED VALUE OF SCHOOL PROPERTY

November 2, 1928

School	Buildings	Land	Furnishings
High	$300,000	$58,200	$23,000
Washington	100,000	5,000	10,000
Franklin	60,000	10,000	5,000
Gooch	50,000	4,500	5,000
Livermore	35,000	6,600	2,500
Warren	14,000	3,000	2,500
Lincoln	60,000	9,000	5,000
Sewall	8,000	7,400	2,500
Winthrop	11,000	3,000	500
Whittier	7,500	3,000	2,500
Roosevelt	177,000	2,000	15,000
New Ripley	54,000	4,000	1,500
New Winthrop	194,229		14,000
	$1,070,729	$115,700	$89,000

Washington Playground	$2,500
Lincoln Playground	$6,500

RESULTS OF HEARING TESTS WITH AUDIOMETER

November, 1928

GRADES 4 TO 8 INCLUSIVE

Number pupils tested	1932
Number pupils on first test showing hearing loss of 9 or more sensation units in one or both ears	189
Number pupils retested	184
Number pupils on retest showing hearing loss of 9 or more sensation units in one or both ears	70
Percentage pupils tested showing hearing defects	3.6
Number parents notified	67

GENERAL STATISTICS

Population of Melrose, April 1928	23,000
Number of different pupils enrolled exclusive of re-enrollments school year 1927-28	3,794
Number in High School	1,023
Number in Elementary Schools	2,771
Total approved school bills fiscal year 1928	$345,069.33
Amount expended for High School (exclusive of General Control)	112,405.85
Cost per pupil in the High School based upon average membership Jan. 1, 1928 to Jan. 1, 1929 (1016)	110.64
Amount expended for Elementary Schools fiscal year 1928 (exclusive of General Control)	218,556.61
Cost per pupil in elementary schools based upon average membership Jan. 1, 1928 to Jan. 1, 1929 (2747)	79.56
Amount expended for tuition (vocational schools)	3,174.60
Amount expended for tuition (evening high)	651.26
Number of Special Teachers and Supervisors Jan. 1, 1929	8
Number of School Nurses Jan. 1, 1929	2
Number of High School Teachers including principals, Jan. 1, 1929	43
Number of Elementary Teachers including Principals, Jan. 1, 1929	98
Number of pupils Jan. 1, 1929 enrolled per teacher in High School excluding Principal	25
Number of pupils enrolled per teacher in elementary schools, excluding non-teaching Principals, Jan. 1, 1929	30

MELROSE HIGH SCHOOL

Class of 1928

PROGRAM

INVOCATION

Rev. G. H. Leining

OVERTURE—March—"Light Calvary" . . . . *Von Suppe*

SALUTATORY and ESSAY—"Dawn"

Ida Sylvia Goldfarb

CHORUS—"Olaf Trygvason" . . . . . *Grieg*

SCHUBERT SELECTION . . . . . *Arr. by Roberts*

ESSAY—"A Modern Solution of an Old Problem"

Warren M. Pike

A. Sylvia . . . . . *Speaks*

B. The Dream-Boat Passes By (on the Andantino in D flat) *Lemare*

Blue Danube Waltz . . . . . *Strauss*

VALEDICTORY and ESSAY—"Trees"

Frances Eldredge

ANNOUNCEMENTS BY THE PRINCIPAL

PRESENTATION OF DIPLOMAS

Mr. Elmer O. Goodridge

Chairman of the School Committee

The Flying Squadron—March op. 2 . . . . . Eliot Smith, '29

AMERICA—The Class—Audience—Orchestra

HONOR LIST

All A and B Averages in four years

Martha Boyajian
Richard M. Cochrane
Frances Eldredge
Catherine Felt
Ida Goldfarb
Elizabeth R. Moulton
Warren Pike
Mildred R. Polansky
Angela G. Robinson
Eleanor Spurr
Dorothy Woodbury

PERFECT ATTENDANCE

(Neither absent nor tardy)

Joseph B. McKenna
Marian G. Perkins
Edna Smith
Eleanor Spurr

Prizes Awarded June 1928

LEVI GOULD MEDAL

Frances Eldredge

KAPPA PRIZE . . . . . Frances Eldredge

WASHINGTON AND FRANKLIN MEDAL . Barbara Clark

MELROSE HIGH SCHOOL ORCHESTRA

Violins
William Barry
Charles Brooks
Rodney Buttrick
Amy Cattley
Elizabeth Day
Warren Ells
Isabelle French
Joseph Maguire
Harold Merrifield
Gretchen Morash
Elizabeth Moulton
Louis Norris
Warren Pike
Mildred Polansky
Gertrude Quinn
Myrtice Richardson
Gladys Stevens
Marjorie Sturges
Katherine Swett
Errington Ward

'Cello
Frances Eldredge
Elizabeth Turner

Trumpets
Harry Bowser
Lella Cutts
Ruth Gerry
Dorothy Hixon
Willard Jackson
Kempton Lampson
Donald McKie

Trombone
Kingsley Brown
Robert Chaffee

Saxophone
Jane Maguire
Joseph McKenna
Leonard Whitford

Clarinet
Theodore Hupper

Flute
Marjorie Houser
Florence MacDonald

Drums
Frederick Johnson
Stanley Mason
Arthur Pike
Alston Salisbury
Clark Wallace

Piano
Janet Davis
Dorothy Lynde
James Milano
Eliot Smith

Organ
James Milano

Librarian
Robert Graham

GRADUATING CLASS OF 1928

Henry N. Andrews, Jr.
William M. Armstrong
Gustave William Bagley
Barbara Baker
Ruth Baker
Marilouise Baldwin
Curtis Shepherd Bates
Charles Ozro Bean
Jean Benedict
Melvin V. Berninger
Beatrice Jeanette Berthel
Jesse D. Blackstone
Margaret Blanchard Bleyle
T. Beatrice Bonzagni
Ruth Mabel Bourne
Marion Boyajian
Martha Boyajian
Robert Lloyd Briggs, Jr.
Geneve P. Brigham
Virginia M. Brown
Frederick Terrence Bryan
John M. Burnham
Jeanette M. Burns
Austin Thomas Cargill
Amy Louisa Cattley
F. Edna Clements
Ralph H. Clements
Catherine Eleanor Clemons
Laura Booth Cobleigh
Richard Maurice Cochrane
L. Janet Coffin
Margaret M. Colbert
Margaret Cole
Lawrence E. Coleman
Joan Ruth Collier
F. Mabelle Cragin

Warren Delano Collins
Fred M. Connors
Edgar S. Cook
Pauline V. Cookson
Helen G. Cory
Agnes Elizabeth Coye
Arthur Leslie Crosby
Leslie Lawrence Crosby
Margarite Elizabeth Cummings
Ruth Allen Cummings
Leona E. Darrah
Janet P. Davis
Elizabeth Chase Day
Robert deMasellis, Jr.
Frances Standish Dempsey
Beatrice Evelyn Dobson
J. Willard Dolloff
John Winthrop Duffill
Raymond A. Duffill
Sydney Byron Dwyer
Frances Eldredge
Fergus Lawrence Farrell
Helen Evelyn Fellows
Catherine Felt
Olive Mae Flint
Mary Merrill Franklin
Alexander John Gardner
Ralph Willard Gerry
Elisabeth Priscilla Gile
Frances Borden Gilmore
Harold G. Goddard
Ida Sylvia Goldfarb
Elmer William Greatrex
Fred S. Greenlaw
Ila Helen Grosser
Alice Ratcliffe Gurnett
John Glatis Haines, Jr.
Dorothy Hancock
Thomas Hannigan
Florence Haskell
Arthur Stuart Hayden
Bertha E. Hazzard
Edward Warren Hearne, Jr.
Dorothy P. Hecht
James A. Hughes
George E. Hunter, Jr.
Robert Packard Hunter
Ruth A. Jepson
Arthur Curtis Johnson
Frederick P. Johnson
Irving Johnson, Jr.
J. Hudson Kehoe
H. Beulah Kelley
Bettina King
Alton L. Kittredge
George William Larson
Alice J. Legg
Philip H. Leslie
Robert Bagley Letteney
Beatrice Lofchie
Frederick Lofchie
Virginia Lord
Eugene Reed Loring
Malcolm Graham Lowe
Bernard D. Lucey
Florence Isabel Macdonald
Isabel F. Mace
Alice Louise MacKenzie
James Laurence Mackernan
Elmer E. Maihiot, Jr.
Irene P. Manuel
Ethel E. Margeson
Barbara Garey Mason
W. Maxwell McDonald
Joseph Bardwell McKenna
Donald C. McKie
Richard Carlton Means
Helen Merrill
James E. Milano
Muriel May Monegan
Isabella Aldus Moody
Pearle A. Moore
Edna V. Morrell
Robert K. Morse
Elizabeth Rose Moulton
May J. Mulready
Gertrude Marion Nash
Virginia Nash
Estelle M. Neary
Carolyn E. Nesmith
Brenda Elizabeth Newton
Lester J. Nicholl
Eileen Meriam O'Connell
Frank Worthy Orcutt
Mary Carlton Osgood
Marion Elizabeth Peck

Marian Gertrude Perkins
Deeb Edward Peter
Russell Edwin Peverly
Willa M. Pickering
Warren M. Pike
Mildred Rose Polansky
Alva Emma Porter
Eugene Frost Proctor, Jr.
Joseph A. Ramsey ,
Marjorie Brawn Richardson
Myrtice E. Richardson
Angela Gerry Robinson
Wlbridge B. Ross
Roswell Roulston, Jr.
Marion Olive Round
James Ruddock, Jr.
Alston Moore Salisbury
Frederick A. Sample
Edna G. Sanford
Albert Schaeffer, Jr.
Kathryn Sears
G. Webster Servis
Ernest Lincoln Sherman
Ruth Manning Short
George F. Simpson
Catherine Edna Smith
Ruth Elizabeth Souter
Susan Isabelle Souther
Eleanor Spurr
James Russell Stewart
Edwin J. Swensen
M. Madeline Swift
Ruth Louise Thomas
Olive Elizabeth Tilley
Kenneth L. Towner
Yvonne Townsend
John Joseph Tulley
Henry A. Turner
G. Edwin Varney
Bertha Evelyn Webb
Norman G. Webster
Margery May Williams
Robert C. Winson
Dorothy M. Woodbury
Richard Tufts Woodbury
Weldon Walter Wortman

Completed course in three years:

Norma Elisabeth Bruce
Doris Virginia Grace
Earl Larrabee
Richard C. Lawson
Joseph H. Maguire, Jr.
Freda Woodland
Muriel Adelaide Woodland

WASHINGTON SCHOOL—Graduates 1928

M. Pauline Collins
Charles A. Conley
F. Sumner Dows
Alfred T. Drinkwater
Mary E. Emery
Thomas T. Fellows
Doris Haines
Leighton M. Harvey
Mary Head
Priscilla A. Higgins
Barbara H. Hindon
Anton E. Hittl
William D. Hunter
Eleanor Hurd
Blanche M. Johnson
Helen S. Kevorkian
Priscilla King
Gustav A. Kjell
Gordon P. Larson
G. Thomas Layden
George I. Leeman
Douglas N. Livingstone
Jerry Lord
Richard G. Merrick
Helen M. Munsen
Richard C. Abbott
Theodore F. Andren
Gould B. Andrews
John D. Batchelder
Gustave A. Bleyle, Jr.
James W. Bradbury
John E. Bundy
Webster A. Chandler
Clarence W. Clark, Jr.

Gerald M. Collins
Donald S. Conrad
Parker G. Dows
Louis P. Drinkwater, Jr.
Russell A. Dunn
Paul L. Guibord
Ralph M. Bragdon, Jr.
Richard E. Atwood
F. Earl Ellsworth
Theodore W. Guptill
Lawrence E. Johnson, Jr.
Robert A. Cushman
Charles V. Clement, Jr.
Earle H. Hunter
Ella F. Johnson
Reginald A. Lewis
Richard L. Lundsted
Herbert R. Lieberman
Richard A. Loring
Robert M. Loveless
Doris R. Marsh
Dorothy E. Mack
Rita M. Mahan
Elinor W. Manley
Frank W. Marcoux
Margaret E. Martin
William J. Morash
Margery R. Morse
Mildred F. Nash
Eleanor E. Platt
Franklin E. Payson
Barbara Pollard
Norman E. Richardson
Barbara J. Tash
Ruth L. Stevens
Phyllis A. Taylor
Frances E. Tibbetts
Ruth D. Turner
Dexter Wakefield
Christine L. Walton
Jean A. Ward
Thomas F. Ward
Robert S. Cutter
Kenneth W. Gerrish
Barbara Leighton
Kenneth R. Norris
Asenath M. Pottle
Virginia E. Putnam
Harry P. Quigley
Ruth I. Quigley
Virginia M. Robbins
John E. Rudin
Robert G. Ruiter
Albert T. Sampson
Emma C. Scott
Barbara Smith
Helen I. Snow
Newton D. Stanley
Jarvis A. Stebbins
Thomas F. Tulley
Arthur G. Tyler
Elizabeth G. Walton
Dorothy M. Watters
Gordon H. Washburn
Helen M. Wentzel
Velma L. Whitehouse
Anna N. Wilson
Newton E. Woodbury
Donald W. Winsor
Richard H. Winsor
John A. Woods, Jr.
Dorothy M. Woodward
John E. Woollacott
Helen Wing
Walter F. Thomas, Jr.
Allen H. Millett
Madeleine Benner
Andrew Bretagne
F. Constance Munson
Viola E. Peterson
Bertha F. Albee
Isabel L. Bridge
Kathryn J. Cargill
Eleanor M. Ctttley
Eleanor B. Churchill
Dorothy G. Critchett
Carolyn Dearington
Louise M. Ferraro
Wanda Howlett
Marguerite Kerr
Marjorie E. Beshong
Hazel M. Fall

ROOSEVELT SCHOOL—Graduates 1928

William J. Carney, Jr.
Donald G. Crosby
Warren Crosby
Florence A. Davison
Mary Franczkiewsz
Arlan F. Fuller
Mabel Virginia Goddard
Marie Violet Goddard
Doris M. Hultgren
William C. Jodrey, Jr.
Edith G. Jones
Paul Lawrence
Walter Francis Lyons
J. Hugh MacMonagle
Elma Mansfield
Quinn Stephen O'Leary
Charles Parkman Rice
Edith M. Spurr
Earle Albert Whidden
Albert James Williams
Richard L. Blatchford
Ralph McClaran
Gerald P. Ayrrs
Harry L. Blaisdell
Paul H. Bennett
Walter H. Bolster
Robert H. Cain
F. Spencer Elliott, Jr.
Ernest E. Hovey
Edward A. Kuhn
Walter W. Long
Roger D. MacDonald
Stoughton E. H. MacKay
William E. MacKenzie
Cedric O. Mader
Albert W. Minott
Aldon B. Morris, Jr.
Wendell J. Potter
Leon W. Weir, Jr.
Melvin W. Westcott
Clyde J. Westhaver
Henry R. Whittier
A. Jackson Wiggin
Carroll T. Wilson
Doris L. Addison
Rose M. Anderson
Melva G. Bixby
Ella G. Blanchard
Jessamy M. Brown
Eleanor ,. Davison
I. Louise Eaton
Eleanor F. Ells
Barbara Hall
Ruth W. Lewisson
R. Isobel Mason
M. Elizabeth Moore
Mary K. Nutter
Ethel A. Robinson
Margaret L. Schaeffer
Margaret N. Semple
John Robert Alvord
Francis H. Andrews
Edward H. Bennett
Clifford N. Cochrane
Alden K. Coolidge
Charles E. Derby, Jr.
Kenneth Dodge
Gordon H. Fecitt
John Q. Fisher
John Haiden Gaines
Winslow Fernald Gerrish
William Gulvanessian
Frederick G. Keyser, Jr,
Joseph W. Little
Rederic Robinson Mayo
Paul Eaton Towle
Allen Dudley Trask
Alan William Woglom
Elizabeth Benson
Constance T. Bonzagni
Barbara Spear Chisholm
Barbara Crosby
Mildred Curley
Helen May Fellows
Eleanor F. Foss
Elizabeth Gerry
Doris E. Gilley
Annie Goldfarb
Sara Russell Hume
Jeannette E. Lithgow
Nathalie A. James
Ethel Louise Jewett

Martha J. Klinger
Virginia E. MacDonald
Ethel Reardon
Betty Anita Riddell
Marie Gilreath Roberts
Marjorie F. Rydant
Rosomond Louise Salisbury
Dorothy Louise Tripp
Almira D. Wallace
Carrie White Wellington
Marion Evelyn White
Ruth Wesson Williams

LINCOLN SCHOOL—Graduates 1928

Henry C. Betcher
Fran,lin S. Canty
John S. Cleworth
C. William Cramb
Otto M. Gabriel
Marshall Grover
Edward E. Hall
George W. Henderson
William H. Hope
Carl L. Lang
A. Raymond LaVallee
Joseph McHenry
George R. Neely
Eliot Noble
Keijo A. N. Regnell
Peter Spadafora
Descomb T. Stewart
Carleton L. Taylor
David E. Truesdell
Alden L. VanBuskirk
Paul C. Whitford
John A. Barnes
Lawrence Crozier
Ruth U. Bishop
Christine Carakatsane
Winifred M. Champion
Winifred C. Davis
Thelma J. Drake
Eleanor C. Fillmore
Ruth S. Johnson
Marjorie L. Leslie
Edith R. Mackernan
Jean L. Manuel
Mitsu V. Mathieu
June M. Melanson
Charlotte G. Pierce
Evelyn Presby
Lena Spadafora
Catherine Sullivan
Alva Wheeler

GOOCH SCHOOL—Graduates 1928

Clyde N. Acker
R. Lewis Webster
Margaret M. Madden
Jeannette E. Scott
Frances M. Tibbetts
Estelle E. Giles
Velma L. Stonebury
Ruth V. Woodland
Charles W. Bushee
Harvey S. Macullar
Doris E. Tait
Dorothy V. Palmer
John F. Sexton
Robert A. Leon, Jr.
Walter E. Tait
Margaret H. Griffin
Stella M. Dondero
George C. Waterhouse
Robert DeCoste
Gwendolyn Hatch
Charles E. Lyle, Jr.
Eunice M. Thulin
Carolina Cincotta
James Craig, Jr.
Clifford A. Curtis
Doris M. Crosby
Edith M. Giovino
Albert E. Slade

AWARD OF PRIZES—ELEMENTARY SCHOOL—June 1928

Levi S. Gould Medal of Honor—to be awarded to the pupil attaining the highest proficiency in his or her class.
Frances Tibbetts—Gooch School

Hesseltine Prize—to be awarded to the pupil in the 8th grade who writes the best paper on the general subject of "Kindness to Animals."
First Prize—$5 in gold— Annie Goldfarb, Roosevelt School
Honorable Mention— Ruth Johnson, Lincoln School
Elliot Noble, Lincoln School

Humane Society Cup—to be awarded to the pupil in the 7th grade who writes the best essay on "Kindness to Animals."
First Prize— Helen Norris, Washington School
Honorable Mention— Fred Gwynn, Roosevelt School
Eleanor Baker, Washington School

W. C. T. U. Prize of $5—for the best composition written by an 8th grade pupil on "Temperance."
First Prize— Descomb Stuart, Lincoln School
Honorable Mention— Frances Tibbetts, Gooch School

Melrose Woman's Club Prizes for Drawing—3 prizes in gold of $2.50 each for excellence in drawing in grade 8.
One prize to Newton Woodbury, Washington School
Honorable Mention—Dorothy Critchett, Washington School
One prize to Virginia MacDonald, Roosevelt School
Honorable Mention—Constance Bonzagni, Roosevelt School
One prize to Doris Tait, Gooch School
Honorable Mention—Marjorie Leslie, Lincoln School

Stamp Collection Prize Offered by the Woman's Club to the 8th grade pupil who writes the best paper whose general theme is concerning their own stamp collection.
$2.00—Richard Woodbury, Washington School
$1.00—Arthur Howard, Winthrop School
$1.00—Alice Lindell, Winthrop School

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